

Upper Confidence Limit (UCL) Estimations of
Performance Measures by California Hospitals in
2021

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2025-06-05

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Chapter 1

Introduction

1.1 Background

Hospitals are sometimes rated by their Adverse Event Rate (AER) of different Performance Measures. AER is a simple ratio derived by dividing the number of Adverse Events (AE) by the number of Cases.

$$AER = AE/Cases$$

By itself, this calculation favors hospitals having low case counts and no adverse events with an AER value equal to zero. That forms a ratings bias against those hospitals having higher case counts.

This analysis adds the 95% Upper Confidence Limit (UCL) as a second criterion. The UCL is a binomial statistical calculation. Essentially, it provides a worst-case estimate, attributal to statistical variation, of a hospital's AER ratio.

1.2 Data Source

california-hospital-performance-ratings.csv dated 2024-08-28 downloaded from data.gov.

Chapter 2

Performance Measures Methodology

Many hospitals in the dataset, for some performance measures, reported few cases and recorded no Adverse Events (AE) giving them an Adverse Event Rate (AER) of zero.

It is inaccurate to rely only on the AER when comparing these hospitals with hospitals having greater numbers of cases.

Common experience expects fewer cases to have fewer adverse events. With few cases, there will often be no adverse events. A hospital with more cases, and no adverse events, should receive a better “score” than a hospital with only one or two cases.

This implies that there is a “True” adverse event rate that is unknown simply because there are too few cases to have actually produced adverse events.

What is needed is a calculation based on both the adverse event rate and the number of cases. Such a calculation is available.

To make comparisons between hospitals more meaningful, the Upper Confidence Limit (UCL) of the Adverse Event Rate (AER) is calculated as a supplemental measure to the AER.

The Upper Confidence Limit (UCL) is a statistical calculation that uses both the actual number of adverse events and the number of cases. The UCL, along with the AER, can then be used as the basis of comparison between hospitals.

For the purpose of this analysis, the confidence limit calculations are set at the 95% confidence level; meaning that the calculated limits are expected to be correct 95% of the time.

2.1 Illustration

Consider several hypothetical hospitals. Assume in a particular year, and for a particular performance measure, the hospitals had Cases and Adverse Events as in the table. Compare how the number of Cases and Adverse Events change both the AER and Upper Confidence Limit (UCL):

Hospital	Cases	Adverse Events (AE)	Adverse Event Rate (AER)	95% Lower Confidence Limit (LCL)	95% Upper Confidence Limit (UCL)
“A”	1	0	0	0	0.793
“B”	10	0	0	0	0.278
“C”	10	1	0.1	0.018	0.404
“D”	10	5	0.5	0.237	0.763

Note that Hospital “B”, with 10 cases, has an UCL much lower than Hospital “A” with only one case. In fact, Hospital “A” has the highest UCL in the table; even higher than Hospital “D” which has the highest AER of 0.5

This does not mean that Hospital “A” is “bad”, nor does it mean that any other hospital is “better”. The differences between the hypothetical hospitals in this table are a consequence of the different number of cases and adverse events.

It does mean that with only one, or very few cases, it is difficult to get a fair and accurate estimate of the AER.

For completeness, the matching Lower Confidence Limit (LCL) is also calculated and shown in the data tables for each Performance Measure. The full interpretation is that the “True” Adverse Event Rate is expected to be between the Lower and Upper limits (inclusively) 95% of the time.

2.1.1 Confidence Interval

The difference between the Upper and Lower Confidence Limits is called the Confidence Interval (CI): $CI = UCL - LCL$

A smaller or “narrower” Confidence Interval indicates a more accurate estimate of the “True” Adverse Event Rate. *Narrowing the CI requires more cases.* That is demonstrated by comparing Hospitals “E” and “F” in the following table. Hospitals “E” and “F” have the same AER but different numbers of Cases and Adverse Events. The Confidence Intervals are:

Hospital	Cases	AE	AER	LCL	UCL	CI
“E”	3	1	0.333	0.061	0.792	0.731
“F”	30	10	0.333	0.192	0.512	0.320

2.2 Confidence limits calculations

There are several methods available to calculate binomial confidence limits. In this analysis, the Wilson method is used to calculate the confidence limits of the Adverse Event Rate for each Performance Measure. The Wilson method shows good results, and...

It is an improvement over the normal approximation interval in multiple respects: Unlike the symmetric normal approximation interval..., the Wilson score interval is asymmetric, and it doesn't suffer from problems of overshoot and zero-width intervals that afflict the normal interval. It can be safely employed with small samples and skewed observations.

See, [Wilson score interval](#).

2.3 Caveat

As noted above, for the purposes of this analysis, a high UCL value, often produced by a low Cases count, should not be used to designate any individual hospital as deficient or sub-performing. Whether the AER and UCL have statistical significance requires additional calculation, typically, an Analysis of Variance (ANOVA) computation. See, [ANOVA](#).

ANOVA is omitted from this study because there are casual factors that can influence an individual hospital's Cases and Adverse Events counts. These factors are not included in the original source dataset. Examples include:

1. An individual hospital may lack the staff, equipment, space, or other resources to treat specific medical conditions. The hospital thus tends to not admit such cases. Or, the hospital may transfer or refer the cases to other hospitals.
2. Environmental factors may make the local population susceptible to certain medical conditions or outcomes.
3. Local poverty or affluence demographics can affect case acceptance, treatments, or outcomes.
4. Local accessibility of medical insurance and coverage provisions are likely to affect case acceptance and possible treatments.

Chapter 3

Performance Measures listing

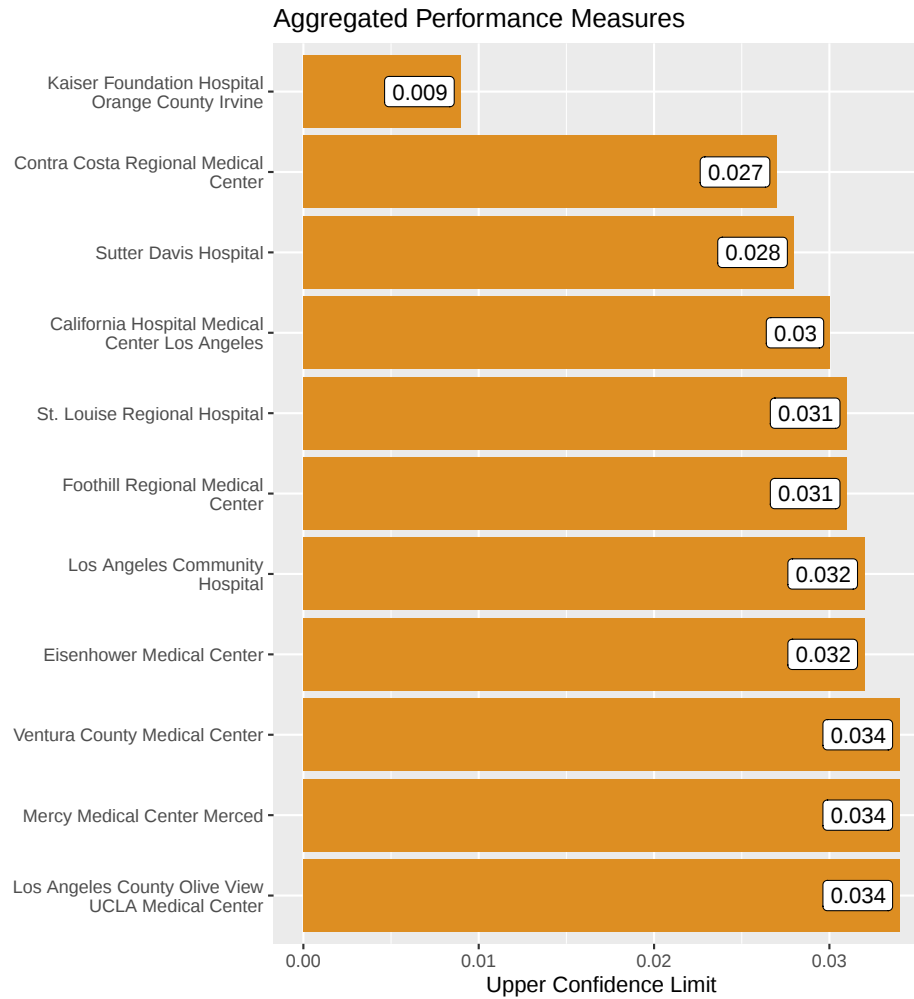
PerformanceMeasure
AAA Repair Endo Unrupture
AAA Repair Open Unrupture
AMI
Acute Stroke
Acute Stroke Hemorrhagic
Acute Stroke Ischemic
Acute Stroke Subarachnoid
Carotid Endarterectomy
Elective PCI Emergency CABG
Elective PCI Mortality
Elective PCI Stroke
GI Hemorrhage
Heart Failure
Hip Fracture
Isolated CABG Operative Mortality
PCI
Pancreatic Resection
Pneumonia

Chapter 4

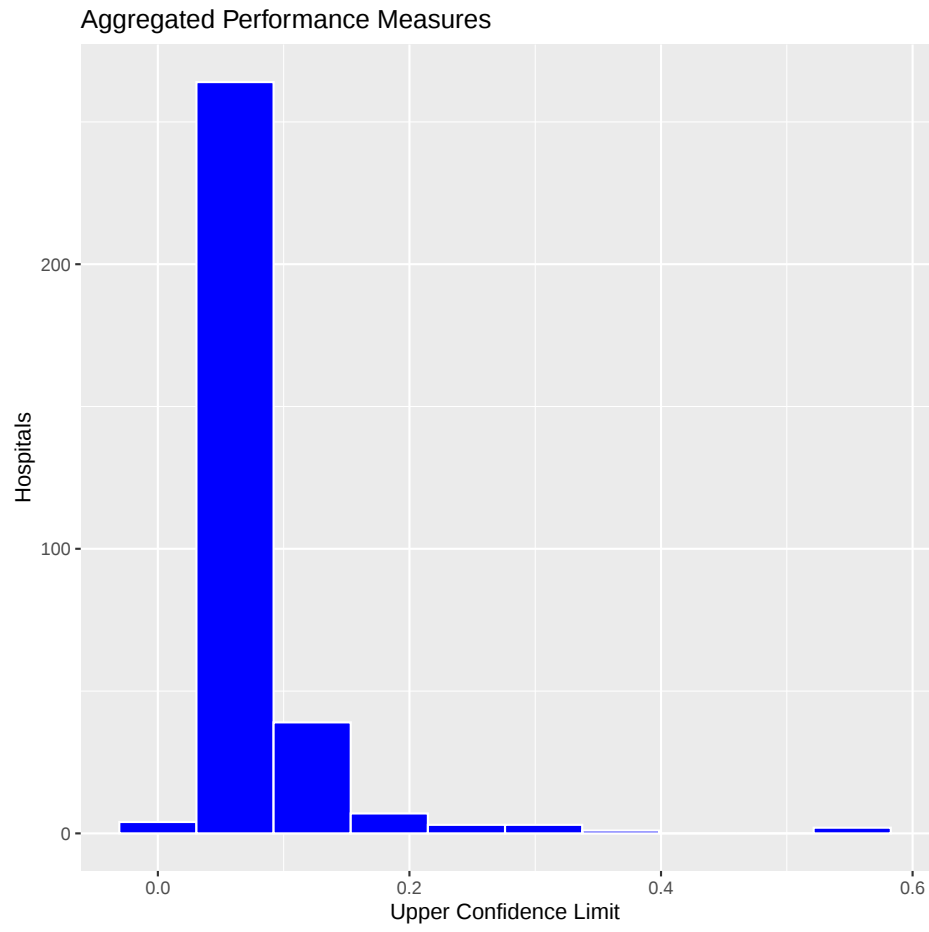
Aggregated Performance Measures

This section calculates the adverse event rate and confidence limits for all hospitals by using the total number of cases and adverse events across all performance measures.

4.1 Lowest UCL Plot



4.2 UCL Histogram



4.3 Upper Confidence Limit (UCL) Listing

Hospitals listed in UCL ascending order:

Table 4.1: Aggregated Performance Measures

Hospital	Cases	AE	AER	LCL	UCL
Kaiser Foundation Hospital Orange County Irvine	432	0	0.000	0.000	0.009
Contra Costa Regional Medical Center	629	9	0.014	0.008	0.027
Sutter Davis Hospital	469	6	0.013	0.006	0.028
California Hospital Medical Center Los Angeles	1907	43	0.023	0.017	0.030
Foothill Regional Medical Center	461	7	0.015	0.007	0.031
St. Louise Regional Hospital	554	9	0.016	0.009	0.031
Eisenhower Medical Center	4229	113	0.027	0.022	0.032
Los Angeles Community Hospital	880	18	0.020	0.013	0.032
Los Angeles County Olive View UCLA Medical Center	1248	30	0.024	0.017	0.034
Mercy Medical Center Merced	1840	48	0.026	0.020	0.034
Ventura County Medical Center	763	16	0.021	0.013	0.034
Desert Valley Hospital	1903	51	0.027	0.020	0.035
UC Irvine Medical Center	2829	81	0.029	0.023	0.035
Marian Regional Medical Center Arroyo Grande	420	8	0.019	0.010	0.037
Memorial Medical Center Modesto	3480	108	0.031	0.026	0.037
Sutter Delta Medical Center	1666	47	0.028	0.021	0.037
Hoag Orthopedic Institute	97	0	0.000	0.000	0.038
PIH Health Hospital Downey	1768	52	0.029	0.022	0.038
St. Mary Medical Center Apple Valley	2794	87	0.031	0.025	0.038
Sutter Amador Hospital	411	8	0.019	0.010	0.038
Adventist Health Lodi Memorial	1126	31	0.028	0.019	0.039
Kaiser Foundation Hospital Roseville	3796	124	0.033	0.027	0.039
Kaiser Foundation Hospital San Jose	1996	61	0.031	0.024	0.039
Los Angeles County/Rancho Los Amigos National Rehab Center	261	4	0.015	0.006	0.039
Sharp Coronado Hospital and Healthcare Center	369	7	0.019	0.009	0.039
Sutter Lakeside Hospital	184	2	0.011	0.003	0.039
Sutter Santa Rosa Regional Hospital	1143	32	0.028	0.020	0.039
Cedars Sinai Marina Del Rey Hospital	650	16	0.025	0.015	0.040
Community Hospital of Huntington Park	552	13	0.024	0.014	0.040
Scripps Memorial Hospital Encinitas	2364	75	0.032	0.025	0.040
California Pacific Medical Center Mission Bernal Campus	710	19	0.027	0.017	0.041
Healdsburg Hospital	91	0	0.000	0.000	0.041
UC San Diego Health Hillcrest Hillcrest Medical Center	4600	161	0.035	0.030	0.041

Hospital	Cases	AE	AER	LCL	UCL
Alta Bates Summit Medical Center	3019	105	0.035	0.029	0.042
Community Hospital of San Bernardino	590	15	0.025	0.015	0.042
Marshall Medical Center	874	25	0.029	0.019	0.042
Mercy Hospital of Folsom	1152	35	0.030	0.022	0.042
Sequoia Hospital	817	23	0.028	0.019	0.042
Southern California Hospital at Culver City	1614	52	0.032	0.025	0.042
Casa Colina Hospital	164	2	0.012	0.003	0.043
Goleta Valley Cottage Hospital	127	1	0.008	0.001	0.043
Hoag Memorial Hospital Presbyterian	5058	189	0.037	0.032	0.043
Kaiser Foundation Hospital San Diego Zion	3146	114	0.036	0.030	0.043
Kaiser Foundation Hospital Walnut Creek	2768	98	0.035	0.029	0.043
Oroville Hospital	1856	62	0.033	0.026	0.043
Adventist Health White Memorial	1886	65	0.034	0.027	0.044
Santa Monica UCLA Medical Center and Orthopaedic Hospital	1459	49	0.034	0.025	0.044
Community Memorial Hospital San Buenaventura	2053	74	0.036	0.029	0.045
Kaiser Foundation Hospital San Francisco	2844	107	0.038	0.031	0.045
San Geronio Memorial Hospital	346	8	0.023	0.012	0.045
Santa Clara Valley Medical Center	2368	87	0.037	0.030	0.045
Adventist Health Simi Valley	1657	60	0.036	0.028	0.046
Good Samaritan Hospital Bakersfield	118	1	0.008	0.001	0.046
St. Joseph's Medical Center of Stockton	4282	172	0.040	0.035	0.046
Emanuel Medical Center	2312	88	0.038	0.031	0.047
Glendale Memorial Hospital and Health Center	1453	52	0.036	0.027	0.047
Menifee Global Medical Center	361	9	0.025	0.013	0.047
Sierra View Medical Center	1122	39	0.035	0.026	0.047
French Hospital Medical Center	1211	44	0.036	0.027	0.048
Hemet Global Medical Center	1304	47	0.036	0.027	0.048
Kaiser Foundation Hospital Baldwin Park	1195	43	0.036	0.027	0.048
Kaiser Foundation Hospital Downey	1916	73	0.038	0.030	0.048
Lompoc Valley Medical Center	353	9	0.025	0.013	0.048
O'Connor Hospital	1874	71	0.038	0.030	0.048
Riverside Community Hospital	5026	213	0.042	0.037	0.048
Scripps Mercy Hospital	4496	188	0.042	0.036	0.048
Sierra Nevada Memorial Hospital	830	28	0.034	0.023	0.048
Sutter Tracy Community Hospital	588	18	0.031	0.019	0.048
Clovis Community Medical Center	2915	120	0.041	0.035	0.049
Kaiser Foundation Hospital Santa Clara	3448	145	0.042	0.036	0.049
MemorialCare Orange Coast Medical Center	2068	82	0.040	0.032	0.049
Mercy General Hospital	4197	180	0.043	0.037	0.049
San Mateo Medical Center	290	7	0.024	0.012	0.049
Emanate Health Foothill Presbyterian Hospital	796	28	0.035	0.024	0.050
Fairchild Medical Center	200	4	0.020	0.008	0.050

Hospital	Cases	AE	AER	LCL	UCL
Kaiser Foundation Hospital Antioch	1404	54	0.038	0.030	0.050
Kaiser Foundation Hospital Oakland/Richmond	3713	160	0.043	0.037	0.050
Scripps Memorial Hospital La Jolla	4940	218	0.044	0.039	0.050
Sutter Roseville Medical Center	4626	204	0.044	0.039	0.050
Alvarado Hospital Medical Center	925	34	0.037	0.026	0.051
Chinese Hospital	354	10	0.028	0.015	0.051
Corona Regional Medical Center Main	1600	65	0.041	0.032	0.051
Fresno Heart and Surgical Hospital	357	10	0.028	0.015	0.051
Kaiser Foundation Hospital Los Angeles	4891	220	0.045	0.040	0.051
Kaiser Foundation Hospital South Sacramento	3132	136	0.043	0.037	0.051
Novato Community Hospital	279	7	0.025	0.012	0.051
Cedars Sinai Medical Center	7002	326	0.047	0.042	0.052
Dominican Hospital	1970	84	0.043	0.035	0.052
Kaiser Foundation Hospital Manteca	1755	73	0.042	0.033	0.052
Kaiser Foundation Hospital Orange County Anaheim	3029	134	0.044	0.037	0.052
Norwalk Community Hospital	395	12	0.030	0.017	0.052
Bakersfield Heart Hospital	1057	42	0.040	0.030	0.053
Barstow Community Hospital	344	10	0.029	0.016	0.053
Centinela Hospital Medical Center	2899	131	0.045	0.038	0.053
Los Robles Hospital & Medical Center	2459	108	0.044	0.037	0.053
Providence Little Company of Mary Medical Center San Pedro	621	22	0.035	0.024	0.053
Victor Valley Global Medical Center	600	21	0.035	0.023	0.053
AHMC Anaheim Regional Medical Center	1271	53	0.042	0.032	0.054
Adventist Health Ukiah Valley	455	15	0.033	0.020	0.054
Adventist Health and Rideout	2702	123	0.046	0.038	0.054
Hi-Desert Medical Center	262	7	0.027	0.013	0.054
Highland Hospital	1776	78	0.044	0.035	0.054
John Muir Medical Center Concord Campus	2755	126	0.046	0.039	0.054
Kaiser Foundation Hospital Woodland Hills	1283	53	0.041	0.032	0.054
La Palma Intercommunity Hospital	356	11	0.031	0.017	0.054
MemorialCare Saddleback Medical Center	2281	103	0.045	0.037	0.054
Southern California Hospital at Hollywood	638	23	0.036	0.024	0.054
Sutter Auburn Faith Hospital	542	19	0.035	0.023	0.054
UC San Diego Health La Jolla Jacobs Medical Center & Sulpizio Cardiovascular Center	130	2	0.015	0.004	0.054
West Hills Hospital and Medical Center	1720	75	0.044	0.035	0.054
Hollywood Presbyterian Medical Center	2166	98	0.045	0.037	0.055
Loma Linda University Medical Center Murrieta	2505	116	0.046	0.039	0.055
St. Francis Medical Center	2203	101	0.046	0.038	0.055
St. Mary's Medical Center	842	33	0.039	0.028	0.055
Mercy Hospital Bakersfield	1367	60	0.044	0.034	0.056
Community Hospital of the Monterey Peninsula	2256	108	0.048	0.040	0.057

Hospital	Cases	AE	AER	LCL	UCL
Kaiser Foundation Hospital San Rafael	893	37	0.041	0.030	0.057
Marian Regional Medical Center	1548	70	0.045	0.036	0.057
Saint Agnes Medical Center	4376	220	0.050	0.044	0.057
Adventist Health Howard Memorial	222	6	0.027	0.012	0.058
Kaiser Foundation Hospital South San Francisco	1385	63	0.045	0.036	0.058
L.A. Downtown Medical Center	310	10	0.032	0.018	0.058
Los Angeles County/Harbor UCLA Medical Center	2212	107	0.048	0.040	0.058
Methodist Hospital of Sacramento	1294	58	0.045	0.035	0.058
Sharp Memorial Hospital	3847	195	0.051	0.044	0.058
Sutter Medical Center Sacramento	4324	222	0.051	0.045	0.058
Watsonville Community Hospital	572	22	0.038	0.026	0.058
Adventist Health Clearlake	218	6	0.028	0.013	0.059
Adventist Health St. Helena	764	32	0.042	0.030	0.059
Alameda Hospital	496	19	0.038	0.025	0.059
Good Samaritan Hospital San Jose	2705	135	0.050	0.042	0.059
Tahoe Forest Hospital	119	2	0.017	0.005	0.059
Adventist Health Glendale	3640	192	0.053	0.046	0.060
Henry Mayo Newhall Hospital	1918	95	0.050	0.041	0.060
Kaiser Foundation Hospital South Bay	1617	78	0.048	0.039	0.060
Kaiser Foundation Hospital West LA	1474	70	0.047	0.038	0.060
Memorial Hospital of Gardena	1015	46	0.045	0.034	0.060
San Antonio Regional Hospital	3664	193	0.053	0.046	0.060
Bakersfield Memorial Hospital	2962	156	0.053	0.045	0.061
Huntington Hospital	3154	166	0.053	0.045	0.061
Kaiser Foundation Hospital San Leandro	1433	70	0.049	0.039	0.061
Temecula Valley Hospital	2855	148	0.052	0.044	0.061
College Medical Center	331	12	0.036	0.021	0.062
El Camino Health	3230	173	0.054	0.046	0.062
Kaiser Foundation Hospital & Rehab Center Vallejo	1789	91	0.051	0.042	0.062
Kaiser Foundation Hospital Fontana	4308	238	0.055	0.049	0.062
Memorial Hospital Los Banos	228	7	0.031	0.015	0.062
Regional Medical Center of San Jose	3352	180	0.054	0.047	0.062
Salinas Valley Health Medical Center	2105	109	0.052	0.043	0.062
San Ramon Regional Medical Center	849	39	0.046	0.034	0.062
St. Elizabeth Community Hospital	534	22	0.041	0.027	0.062
UC Davis Medical Center	3409	185	0.054	0.047	0.062
Valley Presbyterian Hospital	1446	72	0.050	0.040	0.062
West Anaheim Medical Center	1170	56	0.048	0.037	0.062
Alta Bates Summit Medical Center Alta Bates Campus	1039	50	0.048	0.037	0.063
California Pacific Medical Center Van Ness Campus	1909	100	0.052	0.043	0.063

Hospital	Cases	AE	AER	LCL	UCL
John F. Kennedy Memorial Hospital	1069	52	0.049	0.037	0.063
MarinHealth Medical Center	1744	90	0.052	0.042	0.063
Natividad Medical Center	520	22	0.042	0.028	0.063
Northridge Hospital Medical Center	2870	154	0.054	0.046	0.063
Providence Cedars Sinai Tarzana Medical Center	1648	85	0.052	0.042	0.063
Beverly Hospital	1351	69	0.051	0.041	0.064
Enloe Medical Center? Esplanade	3822	214	0.056	0.049	0.064
Kaiser Foundation Hospital Fremont	1027	50	0.049	0.037	0.064
Kaiser Foundation Hospital Fresno	1496	77	0.051	0.041	0.064
Shasta Regional Medical Center	1479	76	0.051	0.041	0.064
Sutter Solano Medical Center	641	29	0.045	0.032	0.064
Kaiser Foundation Hospital Panorama City	1007	50	0.050	0.038	0.065
Kaiser Foundation Hospital Santa Rosa	1549	82	0.053	0.043	0.065
Monterey Park Hospital	470	20	0.043	0.028	0.065
Palmdale Regional Medical Center	1757	94	0.054	0.044	0.065
Scripps Green Hospital	617	28	0.045	0.032	0.065
Providence Holy Cross Medical Center	2924	168	0.057	0.050	0.066
Ridgecrest Regional Hospital	214	7	0.033	0.016	0.066
Emanate Health Inter Community Hospital	1796	100	0.056	0.046	0.067
Petaluma Valley Hospital	347	14	0.040	0.024	0.067
Pioneers Memorial Healthcare District	453	20	0.044	0.029	0.067
Southwest Healthcare System Murrieta	2295	131	0.057	0.048	0.067
Dameron Hospital	963	50	0.052	0.040	0.068
Doctors Hospital of Manteca	624	30	0.048	0.034	0.068
Kaiser Foundation Hospital Moreno Valley	601	29	0.048	0.034	0.068
Providence St. Joseph Hospital	2980	175	0.059	0.051	0.068
Ronald Reagan UCLA Medical Center	2530	147	0.058	0.050	0.068
Sherman Oaks Hospital	728	36	0.049	0.036	0.068
MemorialCare Long Beach Medical Center	3238	194	0.060	0.052	0.069
Providence Mission Hospital Laguna Beach	242	9	0.037	0.020	0.069
Sharp Chula Vista Medical Center	3210	193	0.060	0.052	0.069
Kaweah Health Medical Center	4435	276	0.062	0.055	0.070
Riverside University Health System Medical Center	1950	114	0.058	0.049	0.070
St. Bernardine Medical Center	3315	204	0.062	0.054	0.070
Adventist Health Bakersfield	3525	222	0.063	0.055	0.071
Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center	2110	126	0.060	0.050	0.071
San Gabriel Valley Medical Center	999	55	0.055	0.043	0.071
Stanford Health Care	4229	268	0.063	0.056	0.071
USC Verdugo Hills Hospital	729	38	0.052	0.038	0.071
Encino Hospital Medical Center	251	10	0.040	0.022	0.072
John C Fremont Healthcare District	75	1	0.013	0.002	0.072
Los Angeles County+USC Medical Center	3248	206	0.063	0.056	0.072

Hospital	Cases	AE	AER	LCL	UCL
NorthBay Medical Center	2188	133	0.061	0.052	0.072
UC San Francisco Medical Center	3356	211	0.063	0.055	0.072
Doctors Hospital of Riverside	787	43	0.055	0.041	0.073
Santa Barbara Cottage Hospital	2897	185	0.064	0.056	0.073
St. Mary Medical Center Long Beach	1632	98	0.060	0.050	0.073
Tenet Health Central Coast Twin Cities Community Hospital	679	36	0.053	0.039	0.073
AHMC Seton Medical Center	1162	69	0.059	0.047	0.074
Adventist Health Mendocino Coast	115	3	0.026	0.009	0.074
Adventist Health Tulare	209	8	0.038	0.020	0.074
Community Regional Medical Center Fresno	5546	374	0.067	0.061	0.074
Grossmont Hospital	4500	300	0.067	0.060	0.074
Kaiser Foundation Hospital Sacramento	2904	188	0.065	0.056	0.074
Whittier Hospital Medical Center	663	36	0.054	0.039	0.074
Adventist Health Sonora Greenley	707	39	0.055	0.041	0.075
Antelope Valley Hospital	3342	220	0.066	0.058	0.075
Mills-Peninsula Medical Center	2543	164	0.064	0.056	0.075
PIH Health Good Samaritan Hospital	2789	183	0.066	0.057	0.075
Placentia Linda Hospital	668	37	0.055	0.040	0.075
Providence Little Company of Mary Medical Center Torrance	3531	234	0.066	0.059	0.075
San Joaquin General Hospital	1110	66	0.059	0.047	0.075
Montclair Hospital Medical Center	432	22	0.051	0.034	0.076
PIH Health Hospital Whittier	4118	281	0.068	0.061	0.076
Palomar Health Downtown Campus	1880	120	0.064	0.054	0.076
Providence Mission Hospital	2741	182	0.066	0.058	0.076
St. Rose Hospital	994	59	0.059	0.046	0.076
Torrance Memorial Medical Center	4477	304	0.068	0.061	0.076
Adventist Health Hanford	1304	81	0.062	0.050	0.077
Adventist Health Reedley	70	1	0.014	0.003	0.077
Providence Santa Rosa Memorial Hospital Montgomery	2328	154	0.066	0.057	0.077
Sonoma Valley Hospital	148	5	0.034	0.015	0.077
Alhambra Hospital Medical Center	634	36	0.057	0.041	0.078
Washington Hospital Fremont	2040	136	0.067	0.057	0.078
Chino Valley Medical Center	708	42	0.059	0.044	0.079
Lakewood Regional Medical Center	2118	143	0.068	0.058	0.079
Mark Twain Medical Center	161	6	0.037	0.017	0.079
Providence Saint John's Health Center	1909	127	0.067	0.056	0.079
Tri-City Medical Center	2016	136	0.067	0.057	0.079
Providence Saint Joseph Medical Center	3117	219	0.070	0.062	0.080
Kaiser Foundation Hospital Riverside	982	63	0.064	0.050	0.081
Providence St. Joseph Hospital Eureka	1311	87	0.066	0.054	0.081
St. John's Hospital Camarillo	665	40	0.060	0.044	0.081

Hospital	Cases	AE	AER	LCL	UCL
St. John's Regional Medical Center	2387	167	0.070	0.060	0.081
Woodland Memorial Hospital	433	24	0.055	0.038	0.081
Colorado River Medical Center	43	0	0.000	0.000	0.082
Fountain Valley Regional Hospital & Medical Center Euclid	2696	193	0.072	0.062	0.082
Kaiser Foundation Hospital Vacaville	838	53	0.063	0.049	0.082
Paradise Valley Hospital	727	45	0.062	0.047	0.082
Adventist Health Delano	260	13	0.050	0.029	0.084
Emanate Health Queen of the Valley Hospital	1792	128	0.071	0.060	0.084
Kern Medical Center	681	43	0.063	0.047	0.084
Mission Community Hospital Panorama Campus	691	44	0.064	0.048	0.084
USC Arcadia Hospital	2648	195	0.074	0.064	0.084
South Coast Global Medical Center	211	10	0.047	0.026	0.085
Stanford Health Care Tri-Valley	1269	88	0.069	0.057	0.085
Oak Valley Hospital District	62	1	0.016	0.003	0.086
Orange County Global Medical Center	1344	95	0.071	0.058	0.086
Orchard Hospital	41	0	0.000	0.000	0.086
Redlands Community Hospital	1451	104	0.072	0.060	0.086
Saint Francis Memorial Hospital	449	27	0.060	0.042	0.086
Desert Regional Medical Center	3086	239	0.077	0.069	0.087
Madera Community Hospital	444	27	0.061	0.042	0.087
Palomar Medical Center	1764	131	0.074	0.063	0.087
Providence St. Jude Medical Center	3330	258	0.077	0.069	0.087
Providence Queen of the Valley Medical Center	1216	88	0.072	0.059	0.088
Coast Plaza Hospital	431	27	0.063	0.043	0.090
Garfield Medical Center	1946	151	0.078	0.067	0.090
Loma Linda University Medical Center	4368	356	0.082	0.074	0.090
Mad River Community Hospital	125	5	0.040	0.017	0.090
Eden Medical Center	1782	138	0.077	0.066	0.091
Garden Grove Hospital and Medical Center	521	35	0.067	0.049	0.092
Anaheim Global Medical Center	272	16	0.059	0.037	0.093
Palomar Medical Center Poway	652	46	0.071	0.053	0.093
Pomona Valley Hospital Medical Center	3902	330	0.085	0.076	0.094
Doctors Medical Center	4939	431	0.087	0.080	0.095
Mercy San Juan Medical Center	4695	412	0.088	0.080	0.096
Adventist Health Tehachapi Valley	158	8	0.051	0.026	0.097
Arrowhead Regional Medical Center	2002	170	0.085	0.073	0.098
Huntington Beach Hospital	393	27	0.069	0.048	0.098
Los Alamitos Medical Center	2338	202	0.086	0.076	0.098
Northern Inyo Hospital	100	4	0.040	0.016	0.098
West Covina Medical Center	35	0	0.000	0.000	0.099
Hazel Hawkins Memorial Hospital	215	13	0.060	0.036	0.101
Sutter Coast Hospital	312	21	0.067	0.044	0.101
Barton Memorial Hospital	162	9	0.056	0.030	0.102

Hospital	Cases	AE	AER	LCL	UCL
El Centro Regional Medical Center	920	77	0.084	0.067	0.103
Mercy Medical Center Redding	2653	251	0.095	0.084	0.106
San Dimas Community Hospital	434	34	0.078	0.057	0.107
Palo Verde Hospital	31	0	0.000	0.000	0.110
Kaiser Foundation Hospital Redwood City	1795	181	0.101	0.088	0.116
City of Hope Helford Clinical Research Hospital	354	31	0.088	0.062	0.122
Olympia Medical Center	91	5	0.055	0.024	0.122
Tenet Health Central Coast Sierra Vista	612	60	0.098	0.077	0.124
Regional Medical Center					
Chapman Global Medical Center	132	9	0.068	0.036	0.125
Coalinga Regional Medical Center	27	0	0.000	0.000	0.125
Kaiser Foundation Hospital Modesto	27	0	0.000	0.000	0.125
John Muir Medical Center Walnut Creek	2923	335	0.115	0.104	0.127
Campus					
California Pacific Medical Center Davies	878	97	0.110	0.091	0.133
Campus Hospital					
Keck Hospital of USC	1531	179	0.117	0.102	0.134
Greater El Monte Community Hospital	436	46	0.106	0.080	0.138
Community Hospital Long Beach	117	9	0.077	0.041	0.140
East Los Angeles Doctors Hospital	265	26	0.098	0.068	0.140
Laguna Honda Hospital and Rehab Center	48	2	0.042	0.012	0.140
Pacifica Hospital of the Valley	132	11	0.083	0.047	0.143
Bear Valley Community Hospital	22	0	0.000	0.000	0.149
Mayers Memorial Hospital	34	1	0.029	0.005	0.149
Mountains Community Hospital	22	0	0.000	0.000	0.149
Banner Lassen Medical Center	100	8	0.080	0.041	0.150
Kern Valley Healthcare District	44	2	0.045	0.013	0.151
Ojai Valley Community Hospital	33	1	0.030	0.005	0.153
Colusa Medical Center	78	6	0.077	0.036	0.158
Mercy Medical Center Mt. Shasta	132	13	0.098	0.058	0.161
Mammoth Hospital	37	2	0.054	0.015	0.177
Providence Redwood Memorial Hospital	107	12	0.112	0.065	0.186
Plumas District Hospital	40	3	0.075	0.026	0.199
Glenn Medical Center	24	1	0.042	0.007	0.202
Eastern Plumas Hospital Portola Campus	23	1	0.043	0.008	0.210
Modoc Medical Center	28	2	0.071	0.020	0.226
George L. Mee Memorial Hospital	23	2	0.087	0.024	0.268
Santa Ynez Valley Cottage Hospital	28	3	0.107	0.037	0.272
Trinity Hospital	21	2	0.095	0.027	0.289
Seneca District Hospital	15	1	0.067	0.012	0.298
San Joaquin Valley Rehab Hospital	9	0	0.000	0.000	0.299
Vibra Rehab Hospital of Rancho Mirage	7	0	0.000	0.000	0.354
Fresno Surgical Hospital	3	0	0.000	0.000	0.561

Sonoma Specialty Hospital	3	0	0.000	0.000	0.561
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4.4 Hospital Data Table

Table 4.2: Aggregated Performance Measures

Hospital	Cases	AE	AER	LCL	UCL
AHMC Anaheim Regional Medical Center	1271	53	0.042	0.032	0.054
AHMC Seton Medical Center	1162	69	0.059	0.047	0.074
Adventist Health Bakersfield	3525	222	0.063	0.055	0.071
Adventist Health Clearlake	218	6	0.028	0.013	0.059
Adventist Health Delano	260	13	0.050	0.029	0.084
Adventist Health Glendale	3640	192	0.053	0.046	0.060
Adventist Health Hanford	1304	81	0.062	0.050	0.077
Adventist Health Howard Memorial	222	6	0.027	0.012	0.058
Adventist Health Lodi Memorial	1126	31	0.028	0.019	0.039
Adventist Health Mendocino Coast	115	3	0.026	0.009	0.074
Adventist Health Reedley	70	1	0.014	0.003	0.077
Adventist Health Simi Valley	1657	60	0.036	0.028	0.046
Adventist Health Sonora Greenley	707	39	0.055	0.041	0.075
Adventist Health St. Helena	764	32	0.042	0.030	0.059
Adventist Health Tehachapi Valley	158	8	0.051	0.026	0.097
Adventist Health Tulare	209	8	0.038	0.020	0.074
Adventist Health Ukiah Valley	455	15	0.033	0.020	0.054
Adventist Health White Memorial	1886	65	0.034	0.027	0.044
Adventist Health and Rideout	2702	123	0.046	0.038	0.054
Alameda Hospital	496	19	0.038	0.025	0.059
Alhambra Hospital Medical Center	634	36	0.057	0.041	0.078
Alta Bates Summit Medical Center	3019	105	0.035	0.029	0.042
Alta Bates Summit Medical Center Alta Bates Campus	1039	50	0.048	0.037	0.063
Alvarado Hospital Medical Center	925	34	0.037	0.026	0.051
Anaheim Global Medical Center	272	16	0.059	0.037	0.093
Antelope Valley Hospital	3342	220	0.066	0.058	0.075
Arrowhead Regional Medical Center	2002	170	0.085	0.073	0.098
Bakersfield Heart Hospital	1057	42	0.040	0.030	0.053
Bakersfield Memorial Hospital	2962	156	0.053	0.045	0.061
Banner Lassen Medical Center	100	8	0.080	0.041	0.150
Barstow Community Hospital	344	10	0.029	0.016	0.053
Barton Memorial Hospital	162	9	0.056	0.030	0.102
Bear Valley Community Hospital	22	0	0.000	0.000	0.149
Beverly Hospital	1351	69	0.051	0.041	0.064
California Hospital Medical Center Los Angeles	1907	43	0.023	0.017	0.030
California Pacific Medical Center Davies	878	97	0.110	0.091	0.133
Campus Hospital					
California Pacific Medical Center Mission Bernal Campus	710	19	0.027	0.017	0.041

Hospital	Cases	AE	AER	LCL	UCL
California Pacific Medical Center Van Ness Campus	1909	100	0.052	0.043	0.063
Casa Colina Hospital	164	2	0.012	0.003	0.043
Cedars Sinai Marina Del Rey Hospital	650	16	0.025	0.015	0.040
Cedars Sinai Medical Center	7002	326	0.047	0.042	0.052
Centinela Hospital Medical Center	2899	131	0.045	0.038	0.053
Chapman Global Medical Center	132	9	0.068	0.036	0.125
Chinese Hospital	354	10	0.028	0.015	0.051
Chino Valley Medical Center	708	42	0.059	0.044	0.079
City of Hope Helford Clinical Research Hospital	354	31	0.088	0.062	0.122
Clovis Community Medical Center	2915	120	0.041	0.035	0.049
Coalinga Regional Medical Center	27	0	0.000	0.000	0.125
Coast Plaza Hospital	431	27	0.063	0.043	0.090
College Medical Center	331	12	0.036	0.021	0.062
Colorado River Medical Center	43	0	0.000	0.000	0.082
Colusa Medical Center	78	6	0.077	0.036	0.158
Community Hospital Long Beach	117	9	0.077	0.041	0.140
Community Hospital of Huntington Park	552	13	0.024	0.014	0.040
Community Hospital of San Bernardino	590	15	0.025	0.015	0.042
Community Hospital of the Monterey Peninsula	2256	108	0.048	0.040	0.057
Community Memorial Hospital San Buenaventura	2053	74	0.036	0.029	0.045
Community Regional Medical Center Fresno	5546	374	0.067	0.061	0.074
Contra Costa Regional Medical Center	629	9	0.014	0.008	0.027
Corona Regional Medical Center Main	1600	65	0.041	0.032	0.051
Dameron Hospital	963	50	0.052	0.040	0.068
Desert Regional Medical Center	3086	239	0.077	0.069	0.087
Desert Valley Hospital	1903	51	0.027	0.020	0.035
Doctors Hospital of Manteca	624	30	0.048	0.034	0.068
Doctors Hospital of Riverside	787	43	0.055	0.041	0.073
Doctors Medical Center	4939	431	0.087	0.080	0.095
Dominican Hospital	1970	84	0.043	0.035	0.052
East Los Angeles Doctors Hospital	265	26	0.098	0.068	0.140
Eastern Plumas Hospital Portola Campus	23	1	0.043	0.008	0.210
Eden Medical Center	1782	138	0.077	0.066	0.091
Eisenhower Medical Center	4229	113	0.027	0.022	0.032
El Camino Health	3230	173	0.054	0.046	0.062
El Centro Regional Medical Center	920	77	0.084	0.067	0.103
Emanate Health Foothill Presbyterian Hospital	796	28	0.035	0.024	0.050
Emanate Health Inter Community Hospital	1796	100	0.056	0.046	0.067
Emanate Health Queen of the Valley Hospital	1792	128	0.071	0.060	0.084
Emanuel Medical Center	2312	88	0.038	0.031	0.047
Encino Hospital Medical Center	251	10	0.040	0.022	0.072
Enloe Medical Center? Esplanade	3822	214	0.056	0.049	0.064

Hospital	Cases	AE	AER	LCL	UCL
Fairchild Medical Center	200	4	0.020	0.008	0.050
Foothill Regional Medical Center	461	7	0.015	0.007	0.031
Fountain Valley Regional Hospital & Medical Center Euclid	2696	193	0.072	0.062	0.082
French Hospital Medical Center	1211	44	0.036	0.027	0.048
Fresno Heart and Surgical Hospital	357	10	0.028	0.015	0.051
Fresno Surgical Hospital	3	0	0.000	0.000	0.561
Garden Grove Hospital and Medical Center	521	35	0.067	0.049	0.092
Garfield Medical Center	1946	151	0.078	0.067	0.090
George L. Mee Memorial Hospital	23	2	0.087	0.024	0.268
Glendale Memorial Hospital and Health Center	1453	52	0.036	0.027	0.047
Glenn Medical Center	24	1	0.042	0.007	0.202
Goleta Valley Cottage Hospital	127	1	0.008	0.001	0.043
Good Samaritan Hospital Bakersfield	118	1	0.008	0.001	0.046
Good Samaritan Hospital San Jose	2705	135	0.050	0.042	0.059
Greater El Monte Community Hospital	436	46	0.106	0.080	0.138
Grossmont Hospital	4500	300	0.067	0.060	0.074
Hazel Hawkins Memorial Hospital	215	13	0.060	0.036	0.101
Healdsburg Hospital	91	0	0.000	0.000	0.041
Hemet Global Medical Center	1304	47	0.036	0.027	0.048
Henry Mayo Newhall Hospital	1918	95	0.050	0.041	0.060
Hi-Desert Medical Center	262	7	0.027	0.013	0.054
Highland Hospital	1776	78	0.044	0.035	0.054
Hoag Memorial Hospital Presbyterian	5058	189	0.037	0.032	0.043
Hoag Orthopedic Institute	97	0	0.000	0.000	0.038
Hollywood Presbyterian Medical Center	2166	98	0.045	0.037	0.055
Huntington Beach Hospital	393	27	0.069	0.048	0.098
Huntington Hospital	3154	166	0.053	0.045	0.061
John C Fremont Healthcare District	75	1	0.013	0.002	0.072
John F. Kennedy Memorial Hospital	1069	52	0.049	0.037	0.063
John Muir Medical Center Concord Campus	2755	126	0.046	0.039	0.054
John Muir Medical Center Walnut Creek Campus	2923	335	0.115	0.104	0.127
Kaiser Foundation Hospital & Rehab Center Vallejo	1789	91	0.051	0.042	0.062
Kaiser Foundation Hospital Antioch	1404	54	0.038	0.030	0.050
Kaiser Foundation Hospital Baldwin Park	1195	43	0.036	0.027	0.048
Kaiser Foundation Hospital Downey	1916	73	0.038	0.030	0.048
Kaiser Foundation Hospital Fontana	4308	238	0.055	0.049	0.062
Kaiser Foundation Hospital Fremont	1027	50	0.049	0.037	0.064
Kaiser Foundation Hospital Fresno	1496	77	0.051	0.041	0.064
Kaiser Foundation Hospital Los Angeles	4891	220	0.045	0.040	0.051
Kaiser Foundation Hospital Manteca	1755	73	0.042	0.033	0.052
Kaiser Foundation Hospital Modesto	27	0	0.000	0.000	0.125

Hospital	Cases	AE	AER	LCL	UCL
Kaiser Foundation Hospital Moreno Valley	601	29	0.048	0.034	0.068
Kaiser Foundation Hospital Oakland/Richmond	3713	160	0.043	0.037	0.050
Kaiser Foundation Hospital Orange County Anaheim	3029	134	0.044	0.037	0.052
Kaiser Foundation Hospital Orange County Irvine	432	0	0.000	0.000	0.009
Kaiser Foundation Hospital Panorama City	1007	50	0.050	0.038	0.065
Kaiser Foundation Hospital Redwood City	1795	181	0.101	0.088	0.116
Kaiser Foundation Hospital Riverside	982	63	0.064	0.050	0.081
Kaiser Foundation Hospital Roseville	3796	124	0.033	0.027	0.039
Kaiser Foundation Hospital Sacramento	2904	188	0.065	0.056	0.074
Kaiser Foundation Hospital San Diego Zion	3146	114	0.036	0.030	0.043
Kaiser Foundation Hospital San Francisco	2844	107	0.038	0.031	0.045
Kaiser Foundation Hospital San Jose	1996	61	0.031	0.024	0.039
Kaiser Foundation Hospital San Leandro	1433	70	0.049	0.039	0.061
Kaiser Foundation Hospital San Rafael	893	37	0.041	0.030	0.057
Kaiser Foundation Hospital Santa Clara	3448	145	0.042	0.036	0.049
Kaiser Foundation Hospital Santa Rosa	1549	82	0.053	0.043	0.065
Kaiser Foundation Hospital South Bay	1617	78	0.048	0.039	0.060
Kaiser Foundation Hospital South Sacramento	3132	136	0.043	0.037	0.051
Kaiser Foundation Hospital South San Francisco	1385	63	0.045	0.036	0.058
Kaiser Foundation Hospital Vacaville	838	53	0.063	0.049	0.082
Kaiser Foundation Hospital Walnut Creek	2768	98	0.035	0.029	0.043
Kaiser Foundation Hospital West LA	1474	70	0.047	0.038	0.060
Kaiser Foundation Hospital Woodland Hills	1283	53	0.041	0.032	0.054
Kaweah Health Medical Center	4435	276	0.062	0.055	0.070
Keck Hospital of USC	1531	179	0.117	0.102	0.134
Kern Medical Center	681	43	0.063	0.047	0.084
Kern Valley Healthcare District	44	2	0.045	0.013	0.151
L.A. Downtown Medical Center	310	10	0.032	0.018	0.058
La Palma Intercommunity Hospital	356	11	0.031	0.017	0.054
Laguna Honda Hospital and Rehab Center	48	2	0.042	0.012	0.140
Lakewood Regional Medical Center	2118	143	0.068	0.058	0.079
Loma Linda University Medical Center	4368	356	0.082	0.074	0.090
Loma Linda University Medical Center Murrieta	2505	116	0.046	0.039	0.055
Lompoc Valley Medical Center	353	9	0.025	0.013	0.048
Los Alamitos Medical Center	2338	202	0.086	0.076	0.098
Los Angeles Community Hospital	880	18	0.020	0.013	0.032
Los Angeles County Olive View UCLA Medical Center	1248	30	0.024	0.017	0.034
Los Angeles County+USC Medical Center	3248	206	0.063	0.056	0.072
Los Angeles County/Harbor UCLA Medical Center	2212	107	0.048	0.040	0.058

Hospital	Cases	AE	AER	LCL	UCL
Los Angeles County/Rancho Los Amigos National Rehab Center	261	4	0.015	0.006	0.039
Los Robles Hospital & Medical Center	2459	108	0.044	0.037	0.053
Mad River Community Hospital	125	5	0.040	0.017	0.090
Madera Community Hospital	444	27	0.061	0.042	0.087
Mammoth Hospital	37	2	0.054	0.015	0.177
Marian Regional Medical Center	1548	70	0.045	0.036	0.057
Marian Regional Medical Center Arroyo Grande	420	8	0.019	0.010	0.037
MarinHealth Medical Center	1744	90	0.052	0.042	0.063
Mark Twain Medical Center	161	6	0.037	0.017	0.079
Marshall Medical Center	874	25	0.029	0.019	0.042
Mayers Memorial Hospital	34	1	0.029	0.005	0.149
Memorial Hospital Los Banos	228	7	0.031	0.015	0.062
Memorial Hospital of Gardena	1015	46	0.045	0.034	0.060
Memorial Medical Center Modesto	3480	108	0.031	0.026	0.037
MemorialCare Long Beach Medical Center	3238	194	0.060	0.052	0.069
MemorialCare Orange Coast Medical Center	2068	82	0.040	0.032	0.049
MemorialCare Saddleback Medical Center	2281	103	0.045	0.037	0.054
Menifee Global Medical Center	361	9	0.025	0.013	0.047
Mercy General Hospital	4197	180	0.043	0.037	0.049
Mercy Hospital Bakersfield	1367	60	0.044	0.034	0.056
Mercy Hospital of Folsom	1152	35	0.030	0.022	0.042
Mercy Medical Center Merced	1840	48	0.026	0.020	0.034
Mercy Medical Center Mt. Shasta	132	13	0.098	0.058	0.161
Mercy Medical Center Redding	2653	251	0.095	0.084	0.106
Mercy San Juan Medical Center	4695	412	0.088	0.080	0.096
Methodist Hospital of Sacramento	1294	58	0.045	0.035	0.058
Mills-Peninsula Medical Center	2543	164	0.064	0.056	0.075
Mission Community Hospital Panorama Campus	691	44	0.064	0.048	0.084
Modoc Medical Center	28	2	0.071	0.020	0.226
Montclair Hospital Medical Center	432	22	0.051	0.034	0.076
Monterey Park Hospital	470	20	0.043	0.028	0.065
Mountains Community Hospital	22	0	0.000	0.000	0.149
Natividad Medical Center	520	22	0.042	0.028	0.063
NorthBay Medical Center	2188	133	0.061	0.052	0.072
Northern Inyo Hospital	100	4	0.040	0.016	0.098
Northridge Hospital Medical Center	2870	154	0.054	0.046	0.063
Norwalk Community Hospital	395	12	0.030	0.017	0.052
Novato Community Hospital	279	7	0.025	0.012	0.051
O'Connor Hospital	1874	71	0.038	0.030	0.048
Oak Valley Hospital District	62	1	0.016	0.003	0.086
Ojai Valley Community Hospital	33	1	0.030	0.005	0.153
Olympia Medical Center	91	5	0.055	0.024	0.122
Orange County Global Medical Center	1344	95	0.071	0.058	0.086

Hospital	Cases	AE	AER	LCL	UCL
Orchard Hospital	41	0	0.000	0.000	0.086
Oroville Hospital	1856	62	0.033	0.026	0.043
PIH Health Good Samaritan Hospital	2789	183	0.066	0.057	0.075
PIH Health Hospital Downey	1768	52	0.029	0.022	0.038
PIH Health Hospital Whittier	4118	281	0.068	0.061	0.076
Pacifica Hospital of the Valley	132	11	0.083	0.047	0.143
Palmdale Regional Medical Center	1757	94	0.054	0.044	0.065
Palo Verde Hospital	31	0	0.000	0.000	0.110
Palomar Health Downtown Campus	1880	120	0.064	0.054	0.076
Palomar Medical Center	1764	131	0.074	0.063	0.087
Palomar Medical Center Poway	652	46	0.071	0.053	0.093
Paradise Valley Hospital	727	45	0.062	0.047	0.082
Petaluma Valley Hospital	347	14	0.040	0.024	0.067
Pioneers Memorial Healthcare District	453	20	0.044	0.029	0.067
Placentia Linda Hospital	668	37	0.055	0.040	0.075
Plumas District Hospital	40	3	0.075	0.026	0.199
Pomona Valley Hospital Medical Center	3902	330	0.085	0.076	0.094
Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center	2110	126	0.060	0.050	0.071
Providence Cedars Sinai Tarzana Medical Center	1648	85	0.052	0.042	0.063
Providence Holy Cross Medical Center	2924	168	0.057	0.050	0.066
Providence Little Company of Mary Medical Center San Pedro	621	22	0.035	0.024	0.053
Providence Little Company of Mary Medical Center Torrance	3531	234	0.066	0.059	0.075
Providence Mission Hospital	2741	182	0.066	0.058	0.076
Providence Mission Hospital Laguna Beach	242	9	0.037	0.020	0.069
Providence Queen of the Valley Medical Center	1216	88	0.072	0.059	0.088
Providence Redwood Memorial Hospital	107	12	0.112	0.065	0.186
Providence Saint John's Health Center	1909	127	0.067	0.056	0.079
Providence Saint Joseph Medical Center	3117	219	0.070	0.062	0.080
Providence Santa Rosa Memorial Hospital Montgomery	2328	154	0.066	0.057	0.077
Providence St. Joseph Hospital	2980	175	0.059	0.051	0.068
Providence St. Joseph Hospital Eureka	1311	87	0.066	0.054	0.081
Providence St. Jude Medical Center	3330	258	0.077	0.069	0.087
Redlands Community Hospital	1451	104	0.072	0.060	0.086
Regional Medical Center of San Jose	3352	180	0.054	0.047	0.062
Ridgecrest Regional Hospital	214	7	0.033	0.016	0.066
Riverside Community Hospital	5026	213	0.042	0.037	0.048
Riverside University Health System Medical Center	1950	114	0.058	0.049	0.070
Ronald Reagan UCLA Medical Center	2530	147	0.058	0.050	0.068
Saint Agnes Medical Center	4376	220	0.050	0.044	0.057

Hospital	Cases	AE	AER	LCL	UCL
Saint Francis Memorial Hospital	449	27	0.060	0.042	0.086
Salinas Valley Health Medical Center	2105	109	0.052	0.043	0.062
San Antonio Regional Hospital	3664	193	0.053	0.046	0.060
San Dimas Community Hospital	434	34	0.078	0.057	0.107
San Gabriel Valley Medical Center	999	55	0.055	0.043	0.071
San Geronimo Memorial Hospital	346	8	0.023	0.012	0.045
San Joaquin General Hospital	1110	66	0.059	0.047	0.075
San Joaquin Valley Rehab Hospital	9	0	0.000	0.000	0.299
San Mateo Medical Center	290	7	0.024	0.012	0.049
San Ramon Regional Medical Center	849	39	0.046	0.034	0.062
Santa Barbara Cottage Hospital	2897	185	0.064	0.056	0.073
Santa Clara Valley Medical Center	2368	87	0.037	0.030	0.045
Santa Monica UCLA Medical Center and Orthopaedic Hospital	1459	49	0.034	0.025	0.044
Santa Ynez Valley Cottage Hospital	28	3	0.107	0.037	0.272
Scripps Green Hospital	617	28	0.045	0.032	0.065
Scripps Memorial Hospital Encinitas	2364	75	0.032	0.025	0.040
Scripps Memorial Hospital La Jolla	4940	218	0.044	0.039	0.050
Scripps Mercy Hospital	4496	188	0.042	0.036	0.048
Seneca District Hospital	15	1	0.067	0.012	0.298
Sequoia Hospital	817	23	0.028	0.019	0.042
Sharp Chula Vista Medical Center	3210	193	0.060	0.052	0.069
Sharp Coronado Hospital and Healthcare Center	369	7	0.019	0.009	0.039
Sharp Memorial Hospital	3847	195	0.051	0.044	0.058
Shasta Regional Medical Center	1479	76	0.051	0.041	0.064
Sherman Oaks Hospital	728	36	0.049	0.036	0.068
Sierra Nevada Memorial Hospital	830	28	0.034	0.023	0.048
Sierra View Medical Center	1122	39	0.035	0.026	0.047
Sonoma Specialty Hospital	3	0	0.000	0.000	0.561
Sonoma Valley Hospital	148	5	0.034	0.015	0.077
South Coast Global Medical Center	211	10	0.047	0.026	0.085
Southern California Hospital at Culver City	1614	52	0.032	0.025	0.042
Southern California Hospital at Hollywood	638	23	0.036	0.024	0.054
Southwest Healthcare System Murrieta	2295	131	0.057	0.048	0.067
St. Bernardine Medical Center	3315	204	0.062	0.054	0.070
St. Elizabeth Community Hospital	534	22	0.041	0.027	0.062
St. Francis Medical Center	2203	101	0.046	0.038	0.055
St. John's Hospital Camarillo	665	40	0.060	0.044	0.081
St. John's Regional Medical Center	2387	167	0.070	0.060	0.081
St. Joseph's Medical Center of Stockton	4282	172	0.040	0.035	0.046
St. Louise Regional Hospital	554	9	0.016	0.009	0.031
St. Mary Medical Center Apple Valley	2794	87	0.031	0.025	0.038
St. Mary Medical Center Long Beach	1632	98	0.060	0.050	0.073
St. Mary's Medical Center	842	33	0.039	0.028	0.055

Hospital	Cases	AE	AER	LCL	UCL
St. Rose Hospital	994	59	0.059	0.046	0.076
Stanford Health Care	4229	268	0.063	0.056	0.071
Stanford Health Care Tri-Valley	1269	88	0.069	0.057	0.085
Sutter Amador Hospital	411	8	0.019	0.010	0.038
Sutter Auburn Faith Hospital	542	19	0.035	0.023	0.054
Sutter Coast Hospital	312	21	0.067	0.044	0.101
Sutter Davis Hospital	469	6	0.013	0.006	0.028
Sutter Delta Medical Center	1666	47	0.028	0.021	0.037
Sutter Lakeside Hospital	184	2	0.011	0.003	0.039
Sutter Medical Center Sacramento	4324	222	0.051	0.045	0.058
Sutter Roseville Medical Center	4626	204	0.044	0.039	0.050
Sutter Santa Rosa Regional Hospital	1143	32	0.028	0.020	0.039
Sutter Solano Medical Center	641	29	0.045	0.032	0.064
Sutter Tracy Community Hospital	588	18	0.031	0.019	0.048
Tahoe Forest Hospital	119	2	0.017	0.005	0.059
Temecula Valley Hospital	2855	148	0.052	0.044	0.061
Tenet Health Central Coast Sierra Vista Regional Medical Center	612	60	0.098	0.077	0.124
Tenet Health Central Coast Twin Cities Community Hospital	679	36	0.053	0.039	0.073
Torrance Memorial Medical Center	4477	304	0.068	0.061	0.076
Tri-City Medical Center	2016	136	0.067	0.057	0.079
Trinity Hospital	21	2	0.095	0.027	0.289
UC Davis Medical Center	3409	185	0.054	0.047	0.062
UC Irvine Medical Center	2829	81	0.029	0.023	0.035
UC San Diego Health Hillcrest Hillcrest Medical Center	4600	161	0.035	0.030	0.041
UC San Diego Health La Jolla Jacobs Medical Center & Sulpizio Cardiovascular Center	130	2	0.015	0.004	0.054
UC San Francisco Medical Center	3356	211	0.063	0.055	0.072
USC Arcadia Hospital	2648	195	0.074	0.064	0.084
USC Verdugo Hills Hospital	729	38	0.052	0.038	0.071
Valley Presbyterian Hospital	1446	72	0.050	0.040	0.062
Ventura County Medical Center	763	16	0.021	0.013	0.034
Vibra Rehab Hospital of Rancho Mirage	7	0	0.000	0.000	0.354
Victor Valley Global Medical Center	600	21	0.035	0.023	0.053
Washington Hospital Fremont	2040	136	0.067	0.057	0.078
Watsonville Community Hospital	572	22	0.038	0.026	0.058
West Anaheim Medical Center	1170	56	0.048	0.037	0.062
West Covina Medical Center	35	0	0.000	0.000	0.099
West Hills Hospital and Medical Center	1720	75	0.044	0.035	0.054
Whittier Hospital Medical Center	663	36	0.054	0.039	0.074
Woodland Memorial Hospital	433	24	0.055	0.038	0.081

4.5 Summary

Table 4.3: Aggregated Performance Measures

Cases.tot	AE.tot	AER.avg	AER.se	UCL.avg	UCL.se
491362	25828	0.047	0.001	0.078	0.003

Individual hospitals can be compared with these summary values.

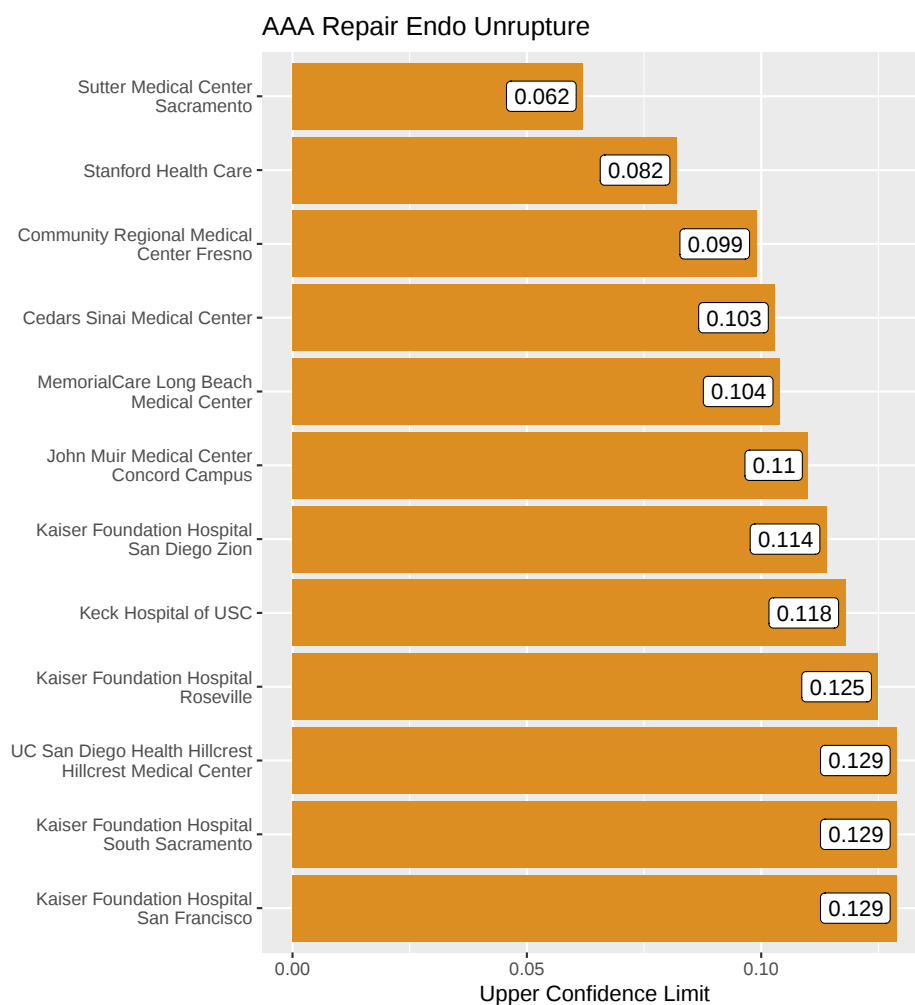
- **Cases.tot:** The total number of cases
- **AE.tot:** The total number of adverse events
- **AER.avg:** The average or arithmetic mean of the Adverse Event Rate for all hospitals.
 - Note: AER.avg is the average of the individual hospital AER values.
 - The aggregated AER rate for all hospitals is $AE.tot/Cases.tot$ and is equal to 0.053.
- **AER.se:** The AER.avg standard error.
- **UCL.avg:** The average or arithmetic mean of the Upper Confidence Limit (UCL) for all hospitals.
 - The UCL is important to compare the performance of hospitals that reported zero Adverse Events.
- **UCL.se:** The UCL.avg standard error

Chapter 5

Individual Performance Measures

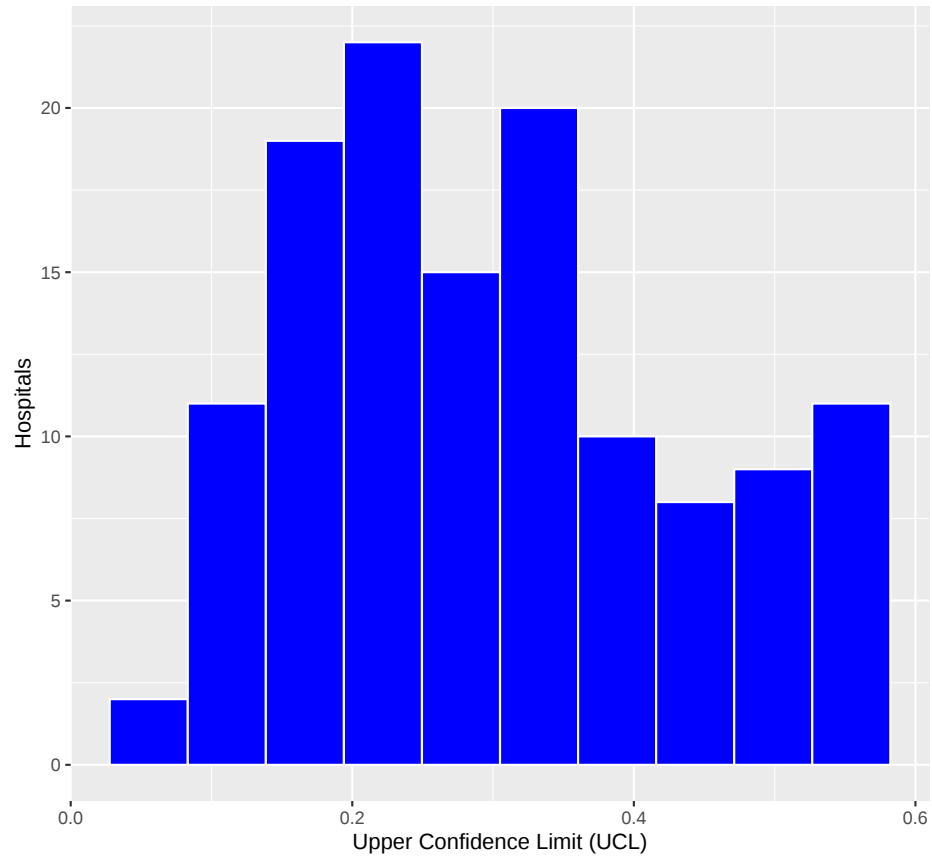
5.1 AAA Repair Endo Unrupture

5.1.1 Ten Lowest Upper Confidence Limits (UCL) bar chart



5.1.2 Upper Confidence Limit (UCL) Histogram

AAA Repair Endo Unrupture
127 hospitals reporting



5.1.3 Upper Confidence Limit (UCL) Listing

Hospitals listed in UCL ascending order:

Table 5.1: AAA Repair Endo Unrupture

Hospital	Cases	AE	AER	LCL	UCL
Sutter Medical Center Sacramento	58	0	0.000	0.000	0.062
Stanford Health Care	43	0	0.000	0.000	0.082
Community Regional Medical Center Fresno	35	0	0.000	0.000	0.099
Cedars Sinai Medical Center	51	1	0.020	0.003	0.103
MemorialCare Long Beach Medical Center	33	0	0.000	0.000	0.104
John Muir Medical Center Concord Campus	31	0	0.000	0.000	0.110
Kaiser Foundation Hospital San Diego Zion	30	0	0.000	0.000	0.114
Keck Hospital of USC	44	1	0.023	0.004	0.118
Kaiser Foundation Hospital Roseville	27	0	0.000	0.000	0.125
Kaiser Foundation Hospital San Francisco	40	1	0.025	0.004	0.129
Kaiser Foundation Hospital South Sacramento	26	0	0.000	0.000	0.129
UC San Diego Health Hillcrest Hillcrest Medical Center	26	0	0.000	0.000	0.129
Providence Holy Cross Medical Center	24	0	0.000	0.000	0.138
Kaweah Health Medical Center	22	0	0.000	0.000	0.149
UC San Francisco Medical Center	22	0	0.000	0.000	0.149
Ronald Reagan UCLA Medical Center	21	0	0.000	0.000	0.155
Kaiser Foundation Hospital Orange County Anaheim	20	0	0.000	0.000	0.161
Mercy San Juan Medical Center	20	0	0.000	0.000	0.161
Sutter Roseville Medical Center	20	0	0.000	0.000	0.161
Kaiser Foundation Hospital Woodland Hills	19	0	0.000	0.000	0.168
Scripps Green Hospital	19	0	0.000	0.000	0.168
Memorial Medical Center Modesto	18	0	0.000	0.000	0.176
MemorialCare Saddleback Medical Center	18	0	0.000	0.000	0.176
Providence Cedars Sinai Tarzana Medical Center	18	0	0.000	0.000	0.176
Providence Saint Joseph Medical Center	18	0	0.000	0.000	0.176
Santa Barbara Cottage Hospital	18	0	0.000	0.000	0.176
Kaiser Foundation Hospital Fontana	28	1	0.036	0.006	0.177
Kaiser Foundation Hospital Walnut Creek	17	0	0.000	0.000	0.184
Mills-Peninsula Medical Center	17	0	0.000	0.000	0.184
Stanford Health Care Tri-Valley	17	0	0.000	0.000	0.184
Eisenhower Medical Center	16	0	0.000	0.000	0.194
Riverside Community Hospital	16	0	0.000	0.000	0.194
El Camino Health	15	0	0.000	0.000	0.204
Loma Linda University Medical Center	15	0	0.000	0.000	0.204
Scripps Mercy Hospital	15	0	0.000	0.000	0.204

Hospital	Cases	AE	AER	LCL	UCL
UC Irvine Medical Center	15	0	0.000	0.000	0.204
Bakersfield Memorial Hospital	23	1	0.043	0.008	0.210
UC Davis Medical Center	23	1	0.043	0.008	0.210
Hoag Memorial Hospital Presbyterian	14	0	0.000	0.000	0.215
Huntington Hospital	14	0	0.000	0.000	0.215
Kaiser Foundation Hospital Santa Clara	14	0	0.000	0.000	0.215
Providence St. Joseph Hospital Eureka	14	0	0.000	0.000	0.215
Community Memorial Hospital San Buenaventura	13	0	0.000	0.000	0.228
Kaiser Foundation Hospital Riverside	13	0	0.000	0.000	0.228
Kaiser Foundation Hospital San Leandro	13	0	0.000	0.000	0.228
MemorialCare Orange Coast Medical Center	13	0	0.000	0.000	0.228
Scripps Memorial Hospital La Jolla	13	0	0.000	0.000	0.228
St. Joseph's Medical Center of Stockton	20	1	0.050	0.009	0.236
Kaiser Foundation Hospital Baldwin Park	12	0	0.000	0.000	0.242
Kaiser Foundation Hospital Manteca	12	0	0.000	0.000	0.242
Kaiser Foundation Hospital Oakland/Richmond	12	0	0.000	0.000	0.242
Scripps Memorial Hospital Encinitas	12	0	0.000	0.000	0.242
Sharp Memorial Hospital	12	0	0.000	0.000	0.242
Tri-City Medical Center	12	0	0.000	0.000	0.242
AHMC Anaheim Regional Medical Center	11	0	0.000	0.000	0.259
Emanate Health Inter Community Hospital	11	0	0.000	0.000	0.259
Grossmont Hospital	11	0	0.000	0.000	0.259
Kaiser Foundation Hospital South Bay	11	0	0.000	0.000	0.259
O'Connor Hospital	11	0	0.000	0.000	0.259
Providence St. Joseph Hospital	11	0	0.000	0.000	0.259
Sharp Chula Vista Medical Center	11	0	0.000	0.000	0.259
Dominican Hospital	10	0	0.000	0.000	0.278
Providence Mission Hospital	10	0	0.000	0.000	0.278
Adventist Health and Rideout	9	0	0.000	0.000	0.299
Community Hospital of the Monterey Peninsula	9	0	0.000	0.000	0.299
Eden Medical Center	9	0	0.000	0.000	0.299
NorthBay Medical Center	9	0	0.000	0.000	0.299
St. John's Regional Medical Center	9	0	0.000	0.000	0.299
Sutter Auburn Faith Hospital	9	0	0.000	0.000	0.299
Adventist Health Glendale	8	0	0.000	0.000	0.324
Adventist Health St. Helena	8	0	0.000	0.000	0.324
California Pacific Medical Center Van Ness Campus	8	0	0.000	0.000	0.324
Enloe Medical Center? Esplanade	8	0	0.000	0.000	0.324
Kaiser Foundation Hospital & Rehab Center Vallejo	8	0	0.000	0.000	0.324

Hospital	Cases	AE	AER	LCL	UCL
Loma Linda University Medical Center	8	0	0.000	0.000	0.324
Murrieta					
MarinHealth Medical Center	8	0	0.000	0.000	0.324
PIH Health Good Samaritan Hospital	8	0	0.000	0.000	0.324
PIH Health Hospital Whittier	8	0	0.000	0.000	0.324
Palomar Medical Center	8	0	0.000	0.000	0.324
Southwest Healthcare System Murrieta	8	0	0.000	0.000	0.324
Temecula Valley Hospital	8	0	0.000	0.000	0.324
Garfield Medical Center	7	0	0.000	0.000	0.354
Kaiser Foundation Hospital San Jose	7	0	0.000	0.000	0.354
Mercy General Hospital	7	0	0.000	0.000	0.354
Pomona Valley Hospital Medical Center	7	0	0.000	0.000	0.354
Providence Santa Rosa Memorial Hospital	7	0	0.000	0.000	0.354
Montgomery					
Providence St. Jude Medical Center	7	0	0.000	0.000	0.354
Santa Clara Valley Medical Center	7	0	0.000	0.000	0.354
Sequoia Hospital	7	0	0.000	0.000	0.354
Fountain Valley Regional Hospital & Medical	6	0	0.000	0.000	0.390
Center Euclid					
Glendale Memorial Hospital and Health	6	0	0.000	0.000	0.390
Center					
Hollywood Presbyterian Medical Center	6	0	0.000	0.000	0.390
Kaiser Foundation Hospital Fresno	6	0	0.000	0.000	0.390
Los Robles Hospital & Medical Center	6	0	0.000	0.000	0.390
Mercy Medical Center Redding	6	0	0.000	0.000	0.390
Providence Little Company of Mary Medical	6	0	0.000	0.000	0.390
Center Torrance					
Salinas Valley Health Medical Center	6	0	0.000	0.000	0.390
Tenet Health Central Coast Sierra Vista	6	0	0.000	0.000	0.390
Regional Medical Center					
Doctors Medical Center	10	1	0.100	0.018	0.404
Kaiser Foundation Hospital Santa Rosa	5	0	0.000	0.000	0.434
Los Angeles County/Harbor UCLA Medical	5	0	0.000	0.000	0.434
Center					
Menifee Global Medical Center	5	0	0.000	0.000	0.434
Palmdale Regional Medical Center	5	0	0.000	0.000	0.434
Redlands Community Hospital	5	0	0.000	0.000	0.434
Riverside University Health System Medical	5	0	0.000	0.000	0.434
Center					
San Antonio Regional Hospital	5	0	0.000	0.000	0.434
Palomar Health Downtown Campus	9	1	0.111	0.020	0.435
Good Samaritan Hospital San Jose	4	0	0.000	0.000	0.490
Highland Hospital	4	0	0.000	0.000	0.490
Kaiser Foundation Hospital Downey	4	0	0.000	0.000	0.490

Hospital	Cases	AE	AER	LCL	UCL
Kaiser Foundation Hospital Los Angeles	4	0	0.000	0.000	0.490
Los Angeles County Olive View UCLA Medical Center	4	0	0.000	0.000	0.490
Northridge Hospital Medical Center	4	0	0.000	0.000	0.490
Providence Saint John's Health Center	4	0	0.000	0.000	0.490
Torrance Memorial Medical Center	4	0	0.000	0.000	0.490
Washington Hospital Fremont	7	1	0.143	0.026	0.513
Arrowhead Regional Medical Center	3	0	0.000	0.000	0.561
Bakersfield Heart Hospital	3	0	0.000	0.000	0.561
Dameron Hospital	3	0	0.000	0.000	0.561
Desert Regional Medical Center	3	0	0.000	0.000	0.561
Desert Valley Hospital	3	0	0.000	0.000	0.561
French Hospital Medical Center	3	0	0.000	0.000	0.561
John Muir Medical Center Walnut Creek Campus	3	0	0.000	0.000	0.561
Kaiser Foundation Hospital West LA	3	0	0.000	0.000	0.561
Saint Agnes Medical Center	3	0	0.000	0.000	0.561
St. Francis Medical Center	3	0	0.000	0.000	0.561
USC Arcadia Hospital	3	0	0.000	0.000	0.561

5.1.4 Hospital Data Table

Table 5.2: AAA Repair Endo Unrupture

Hospital	Cases	AE	AER	LCL	UCL
AHMC Anaheim Regional Medical Center	11	0	0.000	0.000	0.259
Adventist Health Glendale	8	0	0.000	0.000	0.324
Adventist Health St. Helena	8	0	0.000	0.000	0.324
Adventist Health and Rideout	9	0	0.000	0.000	0.299
Arrowhead Regional Medical Center	3	0	0.000	0.000	0.561
Bakersfield Heart Hospital	3	0	0.000	0.000	0.561
Bakersfield Memorial Hospital	23	1	0.043	0.008	0.210
California Pacific Medical Center Van Ness Campus	8	0	0.000	0.000	0.324
Cedars Sinai Medical Center	51	1	0.020	0.003	0.103
Community Hospital of the Monterey Peninsula	9	0	0.000	0.000	0.299
Community Memorial Hospital San Buenaventura	13	0	0.000	0.000	0.228
Community Regional Medical Center Fresno	35	0	0.000	0.000	0.099
Dameron Hospital	3	0	0.000	0.000	0.561
Desert Regional Medical Center	3	0	0.000	0.000	0.561
Desert Valley Hospital	3	0	0.000	0.000	0.561
Doctors Medical Center	10	1	0.100	0.018	0.404
Dominican Hospital	10	0	0.000	0.000	0.278
Eden Medical Center	9	0	0.000	0.000	0.299
Eisenhower Medical Center	16	0	0.000	0.000	0.194
El Camino Health	15	0	0.000	0.000	0.204
Emanate Health Inter Community Hospital	11	0	0.000	0.000	0.259
Enloe Medical Center? Esplanade	8	0	0.000	0.000	0.324
Fountain Valley Regional Hospital & Medical Center Euclid	6	0	0.000	0.000	0.390
French Hospital Medical Center	3	0	0.000	0.000	0.561
Garfield Medical Center	7	0	0.000	0.000	0.354
Glendale Memorial Hospital and Health Center	6	0	0.000	0.000	0.390
Good Samaritan Hospital San Jose	4	0	0.000	0.000	0.490
Grossmont Hospital	11	0	0.000	0.000	0.259
Highland Hospital	4	0	0.000	0.000	0.490
Hoag Memorial Hospital Presbyterian	14	0	0.000	0.000	0.215
Hollywood Presbyterian Medical Center	6	0	0.000	0.000	0.390
Huntington Hospital	14	0	0.000	0.000	0.215
John Muir Medical Center Concord Campus	31	0	0.000	0.000	0.110
John Muir Medical Center Walnut Creek Campus	3	0	0.000	0.000	0.561

Hospital	Cases	AE	AER	LCL	UCL
Kaiser Foundation Hospital & Rehab Center Vallejo	8	0	0.000	0.000	0.324
Kaiser Foundation Hospital Baldwin Park	12	0	0.000	0.000	0.242
Kaiser Foundation Hospital Downey	4	0	0.000	0.000	0.490
Kaiser Foundation Hospital Fontana	28	1	0.036	0.006	0.177
Kaiser Foundation Hospital Fresno	6	0	0.000	0.000	0.390
Kaiser Foundation Hospital Los Angeles	4	0	0.000	0.000	0.490
Kaiser Foundation Hospital Manteca	12	0	0.000	0.000	0.242
Kaiser Foundation Hospital Oakland/Richmond	12	0	0.000	0.000	0.242
Kaiser Foundation Hospital Orange County Anaheim	20	0	0.000	0.000	0.161
Kaiser Foundation Hospital Riverside	13	0	0.000	0.000	0.228
Kaiser Foundation Hospital Roseville	27	0	0.000	0.000	0.125
Kaiser Foundation Hospital San Diego Zion	30	0	0.000	0.000	0.114
Kaiser Foundation Hospital San Francisco	40	1	0.025	0.004	0.129
Kaiser Foundation Hospital San Jose	7	0	0.000	0.000	0.354
Kaiser Foundation Hospital San Leandro	13	0	0.000	0.000	0.228
Kaiser Foundation Hospital Santa Clara	14	0	0.000	0.000	0.215
Kaiser Foundation Hospital Santa Rosa	5	0	0.000	0.000	0.434
Kaiser Foundation Hospital South Bay	11	0	0.000	0.000	0.259
Kaiser Foundation Hospital South Sacramento	26	0	0.000	0.000	0.129
Kaiser Foundation Hospital Walnut Creek	17	0	0.000	0.000	0.184
Kaiser Foundation Hospital West LA	3	0	0.000	0.000	0.561
Kaiser Foundation Hospital Woodland Hills	19	0	0.000	0.000	0.168
Kaweah Health Medical Center	22	0	0.000	0.000	0.149
Keck Hospital of USC	44	1	0.023	0.004	0.118
Loma Linda University Medical Center	15	0	0.000	0.000	0.204
Loma Linda University Medical Center Murrieta	8	0	0.000	0.000	0.324
Los Angeles County Olive View UCLA Medical Center	4	0	0.000	0.000	0.490
Los Angeles County/Harbor UCLA Medical Center	5	0	0.000	0.000	0.434
Los Robles Hospital & Medical Center	6	0	0.000	0.000	0.390
MarinHealth Medical Center	8	0	0.000	0.000	0.324
Memorial Medical Center Modesto	18	0	0.000	0.000	0.176
MemorialCare Long Beach Medical Center	33	0	0.000	0.000	0.104
MemorialCare Orange Coast Medical Center	13	0	0.000	0.000	0.228
MemorialCare Saddleback Medical Center	18	0	0.000	0.000	0.176
Menifee Global Medical Center	5	0	0.000	0.000	0.434
Mercy General Hospital	7	0	0.000	0.000	0.354
Mercy Medical Center Redding	6	0	0.000	0.000	0.390

Hospital	Cases	AE	AER	LCL	UCL
Mercy San Juan Medical Center	20	0	0.000	0.000	0.161
Mills-Peninsula Medical Center	17	0	0.000	0.000	0.184
NorthBay Medical Center	9	0	0.000	0.000	0.299
Northridge Hospital Medical Center	4	0	0.000	0.000	0.490
O'Connor Hospital	11	0	0.000	0.000	0.259
PIH Health Good Samaritan Hospital	8	0	0.000	0.000	0.324
PIH Health Hospital Whittier	8	0	0.000	0.000	0.324
Palmdale Regional Medical Center	5	0	0.000	0.000	0.434
Palomar Health Downtown Campus	9	1	0.111	0.020	0.435
Palomar Medical Center	8	0	0.000	0.000	0.324
Pomona Valley Hospital Medical Center	7	0	0.000	0.000	0.354
Providence Cedars Sinai Tarzana Medical Center	18	0	0.000	0.000	0.176
Providence Holy Cross Medical Center	24	0	0.000	0.000	0.138
Providence Little Company of Mary Medical Center Torrance	6	0	0.000	0.000	0.390
Providence Mission Hospital	10	0	0.000	0.000	0.278
Providence Saint John's Health Center	4	0	0.000	0.000	0.490
Providence Saint Joseph Medical Center	18	0	0.000	0.000	0.176
Providence Santa Rosa Memorial Hospital Montgomery	7	0	0.000	0.000	0.354
Providence St. Joseph Hospital	11	0	0.000	0.000	0.259
Providence St. Joseph Hospital Eureka	14	0	0.000	0.000	0.215
Providence St. Jude Medical Center	7	0	0.000	0.000	0.354
Redlands Community Hospital	5	0	0.000	0.000	0.434
Riverside Community Hospital	16	0	0.000	0.000	0.194
Riverside University Health System Medical Center	5	0	0.000	0.000	0.434
Ronald Reagan UCLA Medical Center	21	0	0.000	0.000	0.155
Saint Agnes Medical Center	3	0	0.000	0.000	0.561
Salinas Valley Health Medical Center	6	0	0.000	0.000	0.390
San Antonio Regional Hospital	5	0	0.000	0.000	0.434
Santa Barbara Cottage Hospital	18	0	0.000	0.000	0.176
Santa Clara Valley Medical Center	7	0	0.000	0.000	0.354
Scripps Green Hospital	19	0	0.000	0.000	0.168
Scripps Memorial Hospital Encinitas	12	0	0.000	0.000	0.242
Scripps Memorial Hospital La Jolla	13	0	0.000	0.000	0.228
Scripps Mercy Hospital	15	0	0.000	0.000	0.204
Sequoia Hospital	7	0	0.000	0.000	0.354
Sharp Chula Vista Medical Center	11	0	0.000	0.000	0.259
Sharp Memorial Hospital	12	0	0.000	0.000	0.242
Southwest Healthcare System Murrieta	8	0	0.000	0.000	0.324
St. Francis Medical Center	3	0	0.000	0.000	0.561
St. John's Regional Medical Center	9	0	0.000	0.000	0.299

Hospital	Cases	AE	AER	LCL	UCL
St. Joseph's Medical Center of Stockton	20	1	0.050	0.009	0.236
Stanford Health Care	43	0	0.000	0.000	0.082
Stanford Health Care Tri-Valley	17	0	0.000	0.000	0.184
Sutter Auburn Faith Hospital	9	0	0.000	0.000	0.299
Sutter Medical Center Sacramento	58	0	0.000	0.000	0.062
Sutter Roseville Medical Center	20	0	0.000	0.000	0.161
Temecula Valley Hospital	8	0	0.000	0.000	0.324
Tenet Health Central Coast Sierra Vista Regional Medical Center	6	0	0.000	0.000	0.390
Torrance Memorial Medical Center	4	0	0.000	0.000	0.490
Tri-City Medical Center	12	0	0.000	0.000	0.242
UC Davis Medical Center	23	1	0.043	0.008	0.210
UC Irvine Medical Center	15	0	0.000	0.000	0.204
UC San Diego Health Hillcrest Hillcrest Medical Center	26	0	0.000	0.000	0.129
UC San Francisco Medical Center	22	0	0.000	0.000	0.149
USC Arcadia Hospital	3	0	0.000	0.000	0.561
Washington Hospital Fremont	7	1	0.143	0.026	0.513

5.1.5 Summary

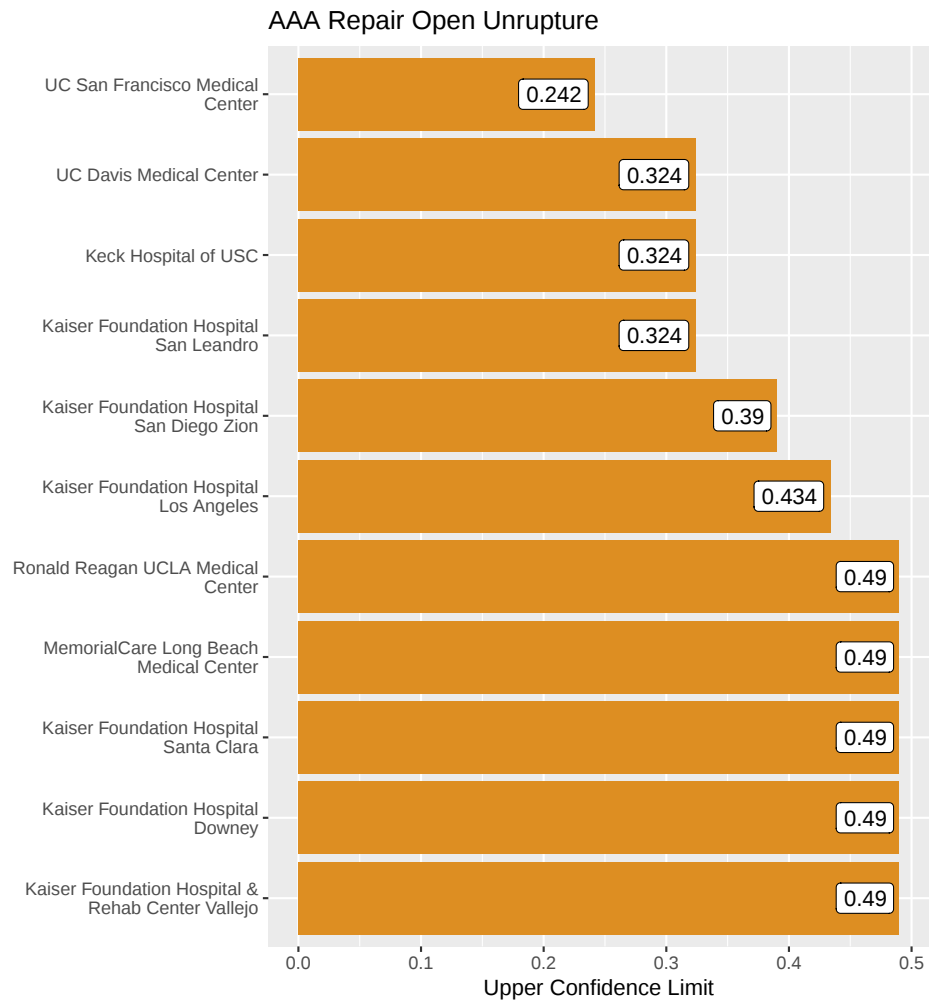
Table 5.3: AAA Repair Endo Unrupture

Hospitals	Cases.tot	AE.tot	AER.avg	AER.se	UCL.avg	UCL.se
127	1634	10	0.005	0.002	0.303	0.012

- **Cases.tot:** The total number of cases
- **AE.tot:** The total number of adverse events
- **AER.avg:** The average or arithmetic mean of the Adverse Event Rate for all hospitals.
 - Note: AER.avg is the average of the individual hospital AER values.
 - The AAA Repair Endo Unrupture AER rate for all hospitals is $AE.tot/Cases.tot$ and is equal to 0.006.
- **AER.se:** The AER.avg standard error.
- **UCL.avg:** The average or arithmetic mean of the Upper Confidence Limit (UCL) for all hospitals.
 - The UCL is important to compare the relative performance of hospitals reporting zero Adverse Events.
- **UCL.se:** The UCL.avg standard error

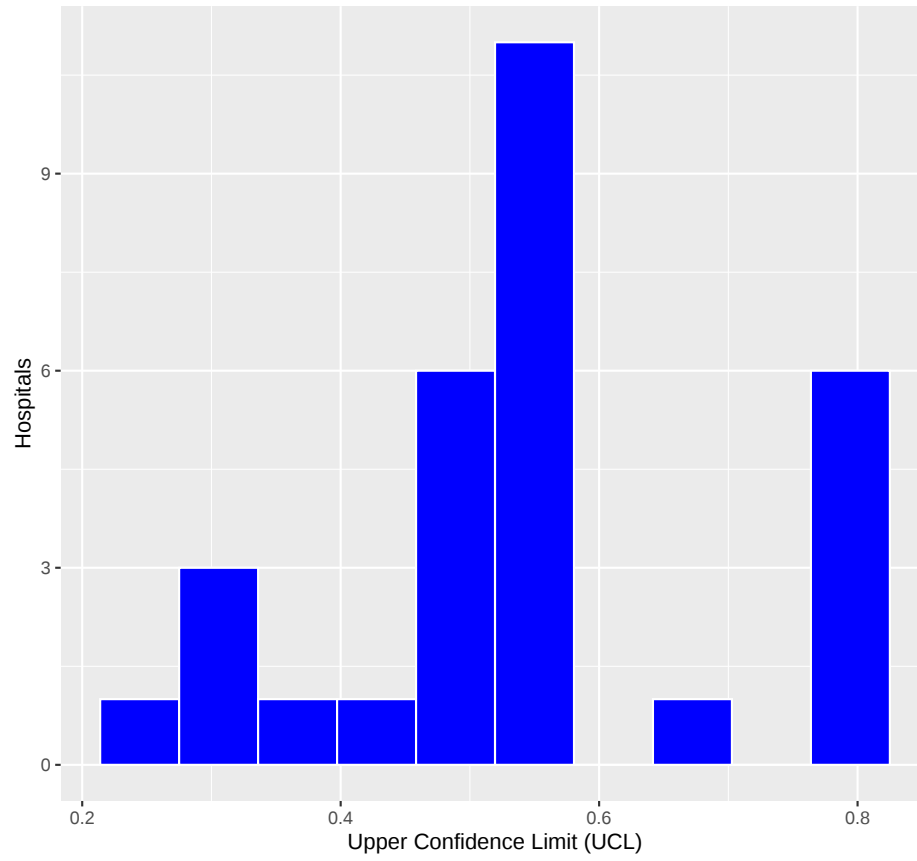
5.2 AAA Repair Open Unrupture

5.2.1 Ten Lowest Upper Confidence Limits (UCL) bar chart



5.2.2 Upper Confidence Limit (UCL) Histogram

AAA Repair Open Unrupture
30 hospitals reporting



5.2.3 Upper Confidence Limit (UCL) Listing

Hospitals listed in UCL ascending order:

Table 5.4: AAA Repair Open Unrupture

Hospital	Cases	AE	AER	LCL	UCL
UC San Francisco Medical Center	12	0	0.000	0.000	0.242
Kaiser Foundation Hospital San Leandro	8	0	0.000	0.000	0.324
Keck Hospital of USC	8	0	0.000	0.000	0.324
UC Davis Medical Center	8	0	0.000	0.000	0.324
Kaiser Foundation Hospital San Diego Zion	6	0	0.000	0.000	0.390
Kaiser Foundation Hospital Los Angeles	5	0	0.000	0.000	0.434
Kaiser Foundation Hospital & Rehab Center Vallejo	4	0	0.000	0.000	0.490
Kaiser Foundation Hospital Downey	4	0	0.000	0.000	0.490
Kaiser Foundation Hospital Santa Clara	4	0	0.000	0.000	0.490
MemorialCare Long Beach Medical Center	4	0	0.000	0.000	0.490
Ronald Reagan UCLA Medical Center	4	0	0.000	0.000	0.490
UC San Diego Health Hillcrest Hillcrest Medical Center	7	1	0.143	0.026	0.513
Doctors Medical Center	3	0	0.000	0.000	0.561
El Camino Health	3	0	0.000	0.000	0.561
Kaiser Foundation Hospital Orange County Anaheim	3	0	0.000	0.000	0.561
Kaiser Foundation Hospital Panorama City	3	0	0.000	0.000	0.561
Kaiser Foundation Hospital San Jose	3	0	0.000	0.000	0.561
Kaiser Foundation Hospital South Bay	3	0	0.000	0.000	0.561
Kaiser Foundation Hospital Walnut Creek	3	0	0.000	0.000	0.561
Sequoia Hospital	3	0	0.000	0.000	0.561
Stanford Health Care	3	0	0.000	0.000	0.561
UC Irvine Medical Center	3	0	0.000	0.000	0.561
Kaiser Foundation Hospital San Francisco	6	1	0.167	0.030	0.564
Providence St. Joseph Hospital Eureka	4	1	0.250	0.046	0.699
Kaiser Foundation Hospital Fontana	5	2	0.400	0.118	0.769
Providence St. Joseph Hospital	5	2	0.400	0.118	0.769
Cedars Sinai Medical Center	3	1	0.333	0.061	0.792
John Muir Medical Center Concord Campus	3	1	0.333	0.061	0.792
Providence Cedars Sinai Tarzana Medical Center	3	1	0.333	0.061	0.792
Southwest Healthcare System Murrieta	3	1	0.333	0.061	0.792

5.2.4 Hospital Data Table

Table 5.5: AAA Repair Open Unrupture

Hospital	Cases	AE	AER	LCL	UCL
Cedars Sinai Medical Center	3	1	0.333	0.061	0.792
Doctors Medical Center	3	0	0.000	0.000	0.561
El Camino Health	3	0	0.000	0.000	0.561
John Muir Medical Center Concord Campus	3	1	0.333	0.061	0.792
Kaiser Foundation Hospital & Rehab Center Vallejo	4	0	0.000	0.000	0.490
Kaiser Foundation Hospital Downey	4	0	0.000	0.000	0.490
Kaiser Foundation Hospital Fontana	5	2	0.400	0.118	0.769
Kaiser Foundation Hospital Los Angeles	5	0	0.000	0.000	0.434
Kaiser Foundation Hospital Orange County Anaheim	3	0	0.000	0.000	0.561
Kaiser Foundation Hospital Panorama City	3	0	0.000	0.000	0.561
Kaiser Foundation Hospital San Diego Zion	6	0	0.000	0.000	0.390
Kaiser Foundation Hospital San Francisco	6	1	0.167	0.030	0.564
Kaiser Foundation Hospital San Jose	3	0	0.000	0.000	0.561
Kaiser Foundation Hospital San Leandro	8	0	0.000	0.000	0.324
Kaiser Foundation Hospital Santa Clara	4	0	0.000	0.000	0.490
Kaiser Foundation Hospital South Bay	3	0	0.000	0.000	0.561
Kaiser Foundation Hospital Walnut Creek	3	0	0.000	0.000	0.561
Keck Hospital of USC	8	0	0.000	0.000	0.324
MemorialCare Long Beach Medical Center	4	0	0.000	0.000	0.490
Providence Cedars Sinai Tarzana Medical Center	3	1	0.333	0.061	0.792
Providence St. Joseph Hospital	5	2	0.400	0.118	0.769
Providence St. Joseph Hospital Eureka	4	1	0.250	0.046	0.699
Ronald Reagan UCLA Medical Center	4	0	0.000	0.000	0.490
Sequoia Hospital	3	0	0.000	0.000	0.561
Southwest Healthcare System Murrieta	3	1	0.333	0.061	0.792
Stanford Health Care	3	0	0.000	0.000	0.561
UC Davis Medical Center	8	0	0.000	0.000	0.324
UC Irvine Medical Center	3	0	0.000	0.000	0.561
UC San Diego Health Hillcrest Hillcrest Medical Center	7	1	0.143	0.026	0.513
UC San Francisco Medical Center	12	0	0.000	0.000	0.242

5.2.5 Summary

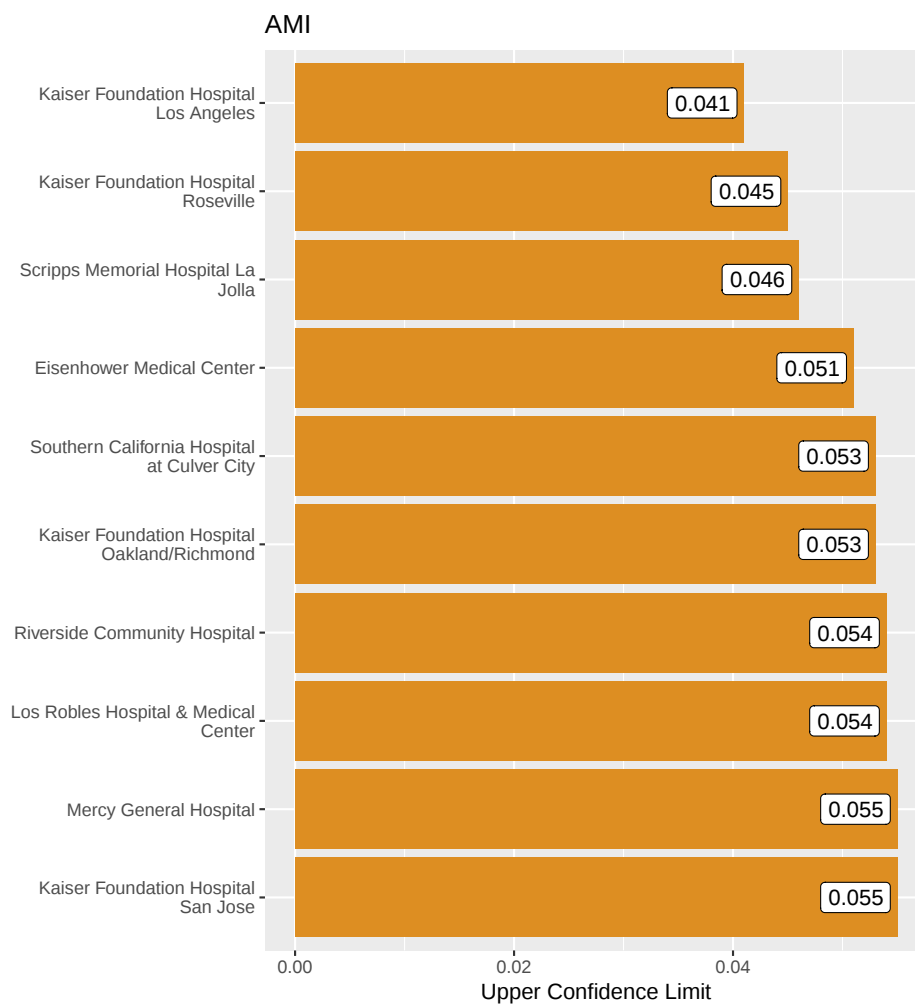
Table 5.6: AAA Repair Open Unrupture

Hospitals	Cases.tot	AE.tot	AER.avg	AER.se	UCL.avg	UCL.se
30	136	11	0.09	0.027	0.553	0.028

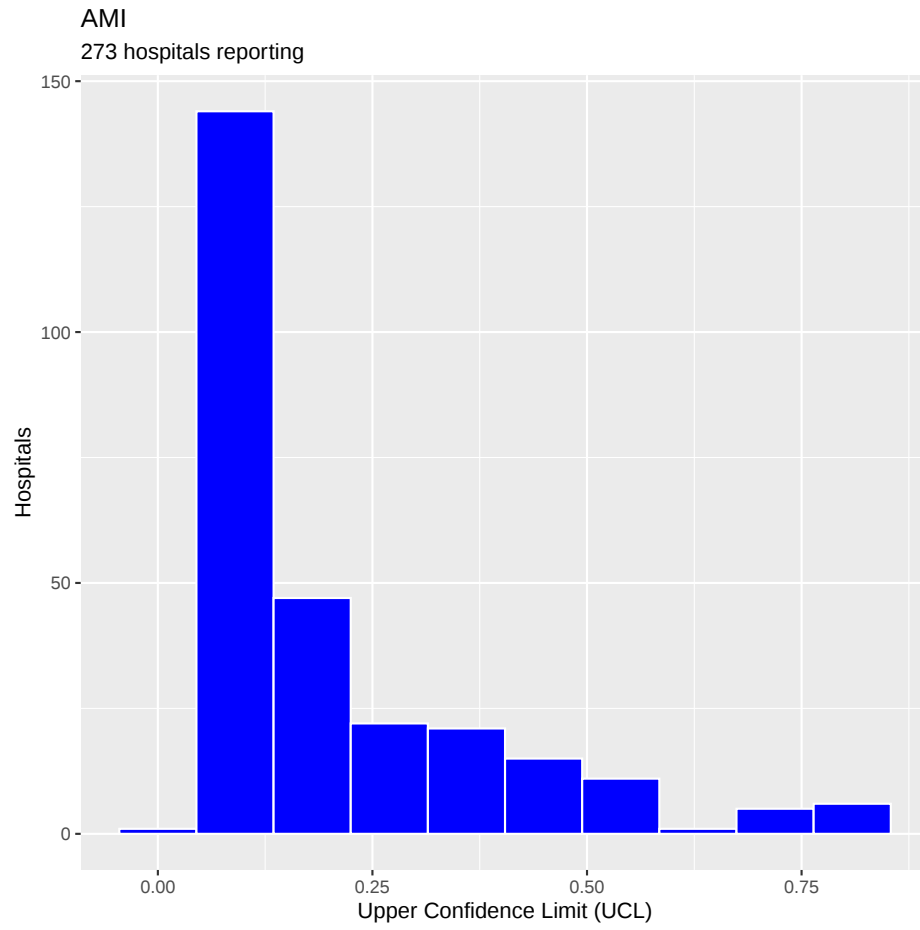
- **Cases.tot:** The total number of cases
- **AE.tot:** The total number of adverse events
- **AER.avg:** The average or arithmetic mean of the Adverse Event Rate for all hospitals.
 - Note: AER.avg is the average of the individual hospital AER values.
 - The AAA Repair Open Unrupture AER rate for all hospitals is $AE.tot/Cases.tot$ and is equal to 0.081.
- **AER.se:** The AER.avg standard error.
- **UCL.avg:** The average or arithmetic mean of the Upper Confidence Limit (UCL) for all hospitals.
 - The UCL is important to compare the relative performance of hospitals reporting zero Adverse Events.
- **UCL.se:** The UCL.avg standard error

5.3 AMI

5.3.1 Ten Lowest Upper Confidence Limits (UCL) bar chart



5.3.2 Upper Confidence Limit (UCL) Histogram



5.3.3 Upper Confidence Limit (UCL) Listing

Hospitals listed in UCL ascending order:

Table 5.7: AMI

Hospital	Cases	AE	AER	LCL	UCL
Kaiser Foundation Hospital Los Angeles	1036	30	0.029	0.020	0.041
Kaiser Foundation Hospital Roseville	492	13	0.026	0.016	0.045
Scripps Memorial Hospital La Jolla	772	24	0.031	0.021	0.046
Eisenhower Medical Center	433	13	0.030	0.018	0.051
Kaiser Foundation Hospital Oakland/Richmond	315	9	0.029	0.015	0.053
Southern California Hospital at Culver City	217	5	0.023	0.010	0.053
Los Robles Hospital & Medical Center	262	7	0.027	0.013	0.054
Riverside Community Hospital	760	29	0.038	0.027	0.054
Kaiser Foundation Hospital San Jose	209	5	0.024	0.010	0.055
Mercy General Hospital	1061	44	0.041	0.031	0.055
West Anaheim Medical Center	151	3	0.020	0.007	0.057
Cedars Sinai Medical Center	629	26	0.041	0.028	0.060
Dominican Hospital	213	6	0.028	0.013	0.060
El Camino Health	273	9	0.033	0.017	0.061
Scripps Memorial Hospital Encinitas	208	6	0.029	0.013	0.061
Kaiser Foundation Hospital Moreno Valley	58	0	0.000	0.000	0.062
Alta Bates Summit Medical Center	460	19	0.041	0.027	0.064
MarinHealth Medical Center	219	7	0.032	0.016	0.064
St. Mary Medical Center Apple Valley	457	19	0.042	0.027	0.064
Desert Valley Hospital	314	12	0.038	0.022	0.066
Kaiser Foundation Hospital Fontana	479	21	0.044	0.029	0.066
Kaiser Foundation Hospital Santa Clara	609	28	0.046	0.032	0.066
Kaiser Foundation Hospital Walnut Creek	303	12	0.040	0.023	0.068
Antelope Valley Hospital	333	14	0.042	0.025	0.069
Kaiser Foundation Hospital & Rehab Center Vallejo	204	7	0.034	0.017	0.069
Kaiser Foundation Hospital San Francisco	579	28	0.048	0.034	0.069
MemorialCare Orange Coast Medical Center	280	11	0.039	0.022	0.069
Glendale Memorial Hospital and Health Center	201	7	0.035	0.017	0.070
Sutter Medical Center Sacramento	637	32	0.050	0.036	0.070
Los Angeles County Olive View UCLA Medical Center	99	2	0.020	0.006	0.071
MemorialCare Saddleback Medical Center	237	9	0.038	0.020	0.071
Hoag Memorial Hospital Presbyterian	438	21	0.048	0.032	0.072
Northridge Hospital Medical Center	498	26	0.052	0.036	0.075
Sutter Santa Rosa Regional Hospital	205	8	0.039	0.020	0.075
French Hospital Medical Center	272	12	0.044	0.025	0.076
Kaiser Foundation Hospital Fresno	112	3	0.027	0.009	0.076
Centinela Hospital Medical Center	266	12	0.045	0.026	0.077

Hospital	Cases	AE	AER	LCL	UCL
Emanuel Medical Center	326	16	0.049	0.030	0.078
Adventist Health Glendale	415	22	0.053	0.035	0.079
Good Samaritan Hospital San Jose	290	14	0.048	0.029	0.079
San Antonio Regional Hospital	578	33	0.057	0.041	0.079
Sutter Delta Medical Center	194	8	0.041	0.021	0.079
Sutter Roseville Medical Center	489	27	0.055	0.038	0.079
Alvarado Hospital Medical Center	123	4	0.033	0.013	0.081
California Hospital Medical Center Los Angeles	123	4	0.033	0.013	0.081
Emanate Health Inter Community Hospital	404	22	0.054	0.036	0.081
Valley Presbyterian Hospital	123	4	0.033	0.013	0.081
Memorial Medical Center Modesto	280	14	0.050	0.030	0.082
Paradise Valley Hospital	65	1	0.015	0.003	0.082
St. Joseph's Medical Center of Stockton	811	51	0.063	0.048	0.082
Kaiser Foundation Hospital South Sacramento	365	20	0.055	0.036	0.083
Orange County Global Medical Center	152	6	0.039	0.018	0.083
Kaiser Foundation Hospital San Diego Zion	118	4	0.034	0.013	0.084
Providence Holy Cross Medical Center	244	12	0.049	0.028	0.084
Providence Little Company of Mary Medical Center Torrance	402	23	0.057	0.038	0.084
St. Bernardine Medical Center	496	30	0.060	0.043	0.085
Adventist Health White Memorial	253	13	0.051	0.030	0.086
PIH Health Hospital Downey	162	7	0.043	0.021	0.086
PIH Health Hospital Whittier	464	29	0.062	0.044	0.088
Bakersfield Heart Hospital	231	12	0.052	0.030	0.089
Temecula Valley Hospital	392	24	0.061	0.041	0.089
Highland Hospital	125	5	0.040	0.017	0.090
O'Connor Hospital	228	12	0.053	0.030	0.090
Stanford Health Care	306	18	0.059	0.038	0.091
Tri-City Medical Center	238	13	0.055	0.032	0.091
Santa Barbara Cottage Hospital	263	15	0.057	0.035	0.092
Kaiser Foundation Hospital Orange County Anaheim	178	9	0.051	0.027	0.093
Loma Linda University Medical Center Murrieta	441	29	0.066	0.046	0.093
Garfield Medical Center	255	15	0.059	0.036	0.095
Providence Saint Joseph Medical Center	320	20	0.062	0.041	0.095
Santa Clara Valley Medical Center	175	9	0.051	0.027	0.095
Hollywood Presbyterian Medical Center	276	17	0.062	0.039	0.096
Kaiser Foundation Hospital San Rafael	55	1	0.018	0.003	0.096
Loma Linda University Medical Center	594	43	0.072	0.054	0.096
NorthBay Medical Center	226	13	0.058	0.034	0.096
St. Francis Medical Center	290	18	0.062	0.040	0.096
Providence Santa Rosa Memorial Hospital Montgomery	323	21	0.065	0.043	0.097
Sharp Chula Vista Medical Center	350	23	0.066	0.044	0.097

Hospital	Cases	AE	AER	LCL	UCL
Arrowhead Regional Medical Center	86	3	0.035	0.012	0.098
John Muir Medical Center Concord Campus	380	26	0.068	0.047	0.098
Kaiser Foundation Hospital Fremont	86	3	0.035	0.012	0.098
Kaiser Foundation Hospital West LA	100	4	0.040	0.016	0.098
Mercy Medical Center Merced	54	1	0.019	0.003	0.098
Sherman Oaks Hospital	70	2	0.029	0.008	0.098
UC San Diego Health Hillcrest Hillcrest Medical Center	407	28	0.069	0.048	0.098
Community Memorial Hospital San Buenaventura	230	14	0.061	0.037	0.100
Community Regional Medical Center Fresno	501	37	0.074	0.054	0.100
Grossmont Hospital	397	28	0.071	0.049	0.100
Mercy Medical Center Redding	241	15	0.062	0.038	0.100
Providence St. Joseph Hospital	301	20	0.066	0.043	0.100
Sharp Memorial Hospital	398	28	0.070	0.049	0.100
California Pacific Medical Center Van Ness Campus	214	13	0.061	0.036	0.101
Henry Mayo Newhall Hospital	202	12	0.059	0.034	0.101
Lakewood Regional Medical Center	276	18	0.065	0.042	0.101
Mercy San Juan Medical Center	417	30	0.072	0.051	0.101
Scripps Mercy Hospital	358	25	0.070	0.048	0.101
UC Irvine Medical Center	227	14	0.062	0.037	0.101
PIH Health Good Samaritan Hospital	225	14	0.062	0.037	0.102
Providence Saint John's Health Center	175	10	0.057	0.031	0.102
Kaiser Foundation Hospital Sacramento	122	6	0.049	0.023	0.103
Palomar Health Downtown Campus	174	10	0.057	0.032	0.103
Santa Monica UCLA Medical Center and Orthopaedic Hospital	81	3	0.037	0.013	0.103
Desert Regional Medical Center	358	26	0.073	0.050	0.104
Kaiser Foundation Hospital Downey	94	4	0.043	0.017	0.104
St. John's Regional Medical Center	266	18	0.068	0.043	0.104
Kaiser Foundation Hospital Santa Rosa	50	1	0.020	0.004	0.105
Bakersfield Memorial Hospital	347	26	0.075	0.052	0.108
Enloe Medical Center? Esplanade	367	28	0.076	0.053	0.108
Huntington Hospital	235	16	0.068	0.042	0.108
Kaiser Foundation Hospital Panorama City	63	2	0.032	0.009	0.109
Washington Hospital Fremont	232	16	0.069	0.043	0.109
Pomona Valley Hospital Medical Center	381	30	0.079	0.056	0.110
West Hills Hospital and Medical Center	218	15	0.069	0.042	0.110
Adventist Health St. Helena	183	12	0.066	0.038	0.111
Palmdale Regional Medical Center	206	14	0.068	0.041	0.111
St. Mary Medical Center Long Beach	195	13	0.067	0.039	0.111
Adventist Health Bakersfield	418	34	0.081	0.059	0.112
Corona Regional Medical Center Main	100	5	0.050	0.022	0.112

Hospital	Cases	AE	AER	LCL	UCL
Salinas Valley Health Medical Center	212	15	0.071	0.043	0.113
Ventura County Medical Center	46	1	0.022	0.004	0.113
Los Angeles County/Harbor UCLA Medical Center	264	20	0.076	0.050	0.114
Regional Medical Center of San Jose	317	25	0.079	0.054	0.114
Dameron Hospital	121	7	0.058	0.028	0.115
Mills-Peninsula Medical Center	258	20	0.078	0.051	0.117
Beverly Hospital	151	10	0.066	0.036	0.118
Providence Cedars Sinai Tarzana Medical Center	151	10	0.066	0.036	0.118
Saint Agnes Medical Center	441	39	0.088	0.065	0.119
UC San Francisco Medical Center	201	15	0.075	0.046	0.119
Adventist Health and Rideout	211	16	0.076	0.047	0.120
St. Mary's Medical Center	81	4	0.049	0.019	0.120
Doctors Medical Center	536	50	0.093	0.071	0.121
Kaiser Foundation Hospital Redwood City	56	2	0.036	0.010	0.121
Community Hospital of Huntington Park	42	1	0.024	0.004	0.123
Fountain Valley Regional Hospital & Medical Center Euclid	264	22	0.083	0.056	0.123
Kaweah Health Medical Center	480	45	0.094	0.071	0.123
Norwalk Community Hospital	27	0	0.000	0.000	0.125
Kaiser Foundation Hospital Manteca	141	10	0.071	0.039	0.126
AHMC Seton Medical Center	177	14	0.079	0.048	0.128
Los Angeles County+USC Medical Center	253	22	0.087	0.058	0.128
Clovis Community Medical Center	147	11	0.075	0.042	0.129
MemorialCare Long Beach Medical Center	299	28	0.094	0.066	0.132
Marian Regional Medical Center	170	14	0.082	0.050	0.133
Ronald Reagan UCLA Medical Center	208	18	0.087	0.055	0.133
Palomar Medical Center	178	15	0.084	0.052	0.134
Providence Queen of the Valley Medical Center	132	10	0.076	0.042	0.134
USC Arcadia Hospital	186	16	0.086	0.054	0.135
UC Davis Medical Center	176	15	0.085	0.052	0.136
Coast Plaza Hospital	37	1	0.027	0.005	0.138
Community Hospital of the Monterey Peninsula	170	15	0.088	0.054	0.140
Providence Mission Hospital	302	31	0.103	0.073	0.142
Torrance Memorial Medical Center	415	45	0.108	0.082	0.142
Kaiser Foundation Hospital Woodland Hills	77	5	0.065	0.028	0.143
Providence St. Joseph Hospital Eureka	147	13	0.088	0.052	0.145
St. Rose Hospital	184	18	0.098	0.063	0.149
Adventist Health Simi Valley	116	10	0.086	0.047	0.151
Sequoia Hospital	81	6	0.074	0.034	0.152
Anaheim Global Medical Center	33	1	0.030	0.005	0.153
AHMC Anaheim Regional Medical Center	130	12	0.092	0.054	0.154
Southern California Hospital at Hollywood	21	0	0.000	0.000	0.155

Hospital	Cases	AE	AER	LCL	UCL
Riverside University Health System Medical Center	60	4	0.067	0.026	0.159
Adventist Health Hanford	68	5	0.074	0.032	0.161
Providence St. Jude Medical Center	309	37	0.120	0.088	0.161
Oroville Hospital	50	3	0.060	0.021	0.162
Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center	124	12	0.097	0.056	0.162
Chino Valley Medical Center	67	5	0.075	0.032	0.163
Kaiser Foundation Hospital South Bay	58	4	0.069	0.027	0.164
Mercy Hospital of Folsom	30	1	0.033	0.006	0.167
Shasta Regional Medical Center	196	23	0.117	0.079	0.170
Community Hospital of San Bernardino	38	2	0.053	0.015	0.173
Placentia Linda Hospital	55	4	0.073	0.029	0.173
Southwest Healthcare System Murrieta	38	2	0.053	0.015	0.173
Sierra View Medical Center	78	7	0.090	0.044	0.174
Kaiser Foundation Hospital Antioch	54	4	0.074	0.029	0.176
Adventist Health Lodi Memorial	27	1	0.037	0.007	0.183
Eden Medical Center	26	1	0.038	0.007	0.189
Kaiser Foundation Hospital South San Francisco	34	2	0.059	0.016	0.191
John F. Kennedy Memorial Hospital	97	11	0.113	0.065	0.192
Encino Hospital Medical Center	16	0	0.000	0.000	0.194
John Muir Medical Center Walnut Creek Campus	102	12	0.118	0.069	0.194
La Palma Intercommunity Hospital	25	1	0.040	0.007	0.195
Memorial Hospital of Gardena	48	4	0.083	0.033	0.196
Stanford Health Care Tri-Valley	136	18	0.132	0.085	0.200
Kaiser Foundation Hospital Baldwin Park	60	6	0.100	0.047	0.201
Kaiser Foundation Hospital Riverside	90	11	0.122	0.070	0.206
Los Alamitos Medical Center	191	29	0.152	0.108	0.210
San Dimas Community Hospital	23	1	0.043	0.008	0.210
St. John's Hospital Camarillo	23	1	0.043	0.008	0.210
Victor Valley Global Medical Center	23	1	0.043	0.008	0.210
San Ramon Regional Medical Center	87	11	0.126	0.072	0.212
Kern Medical Center	37	3	0.081	0.028	0.213
Montclair Hospital Medical Center	14	0	0.000	0.000	0.215
Hemet Global Medical Center	36	3	0.083	0.029	0.218
Redlands Community Hospital	28	2	0.071	0.020	0.226
USC Verdugo Hills Hospital	21	1	0.048	0.008	0.227
Sutter Tracy Community Hospital	13	0	0.000	0.000	0.228
Adventist Health Sonora Greenley	39	4	0.103	0.041	0.236
Good Samaritan Hospital Bakersfield	20	1	0.050	0.009	0.236
Greater El Monte Community Hospital	33	3	0.091	0.031	0.236
Whittier Hospital Medical Center	26	2	0.077	0.021	0.241
San Joaquin General Hospital	37	4	0.108	0.043	0.247

Hospital	Cases	AE	AER	LCL	UCL
Mercy Hospital Bakersfield	31	3	0.097	0.033	0.249
Methodist Hospital of Sacramento	41	5	0.122	0.053	0.255
Doctors Hospital of Riverside	24	2	0.083	0.023	0.258
Kaiser Foundation Hospital Vacaville	24	2	0.083	0.023	0.258
Foothill Regional Medical Center	11	0	0.000	0.000	0.259
Monterey Park Hospital	11	0	0.000	0.000	0.259
Huntington Beach Hospital	17	1	0.059	0.010	0.270
Kaiser Foundation Hospital San Leandro	47	7	0.149	0.074	0.277
Barstow Community Hospital	10	0	0.000	0.000	0.278
California Pacific Medical Center Mission Bernal Campus	10	0	0.000	0.000	0.278
Garden Grove Hospital and Medical Center	21	2	0.095	0.027	0.289
Madera Community Hospital	40	6	0.150	0.071	0.291
Chinese Hospital	9	0	0.000	0.000	0.299
Keck Hospital of USC	98	21	0.214	0.145	0.305
Emanate Health Foothill Presbyterian Hospital	28	4	0.143	0.057	0.315
Marshall Medical Center	14	1	0.071	0.013	0.315
Providence Little Company of Mary Medical Center San Pedro	8	0	0.000	0.000	0.324
Saint Francis Memorial Hospital	8	0	0.000	0.000	0.324
East Los Angeles Doctors Hospital	13	1	0.077	0.014	0.333
Sutter Coast Hospital	13	1	0.077	0.014	0.333
Adventist Health Ukiah Valley	7	0	0.000	0.000	0.354
Alameda Hospital	7	0	0.000	0.000	0.354
Community Hospital Long Beach	7	0	0.000	0.000	0.354
Los Angeles Community Hospital	7	0	0.000	0.000	0.354
San Geronio Memorial Hospital	12	1	0.083	0.015	0.354
Sharp Coronado Hospital and Healthcare Center	7	0	0.000	0.000	0.354
Sierra Nevada Memorial Hospital	7	0	0.000	0.000	0.354
College Medical Center	11	1	0.091	0.016	0.377
Mission Community Hospital Panorama Campus	11	1	0.091	0.016	0.377
Olympia Medical Center	6	0	0.000	0.000	0.390
St. Louise Regional Hospital	6	0	0.000	0.000	0.390
San Gabriel Valley Medical Center	31	7	0.226	0.114	0.398
Doctors Hospital of Manteca	14	2	0.143	0.040	0.399
Menifee Global Medical Center	10	1	0.100	0.018	0.404
Petaluma Valley Hospital	10	1	0.100	0.018	0.404
Sutter Solano Medical Center	17	3	0.176	0.062	0.410
Emanate Health Queen of the Valley Hospital	36	9	0.250	0.138	0.411
Alta Bates Summit Medical Center Alta Bates Campus	13	2	0.154	0.043	0.422
Cedars Sinai Marina Del Rey Hospital	5	0	0.000	0.000	0.434
Hi-Desert Medical Center	5	0	0.000	0.000	0.434
Watsonville Community Hospital	5	0	0.000	0.000	0.434

Hospital	Cases	AE	AER	LCL	UCL
Natividad Medical Center	9	1	0.111	0.020	0.435
St. Elizabeth Community Hospital	9	1	0.111	0.020	0.435
Pioneers Memorial Healthcare District	12	2	0.167	0.047	0.448
Sutter Auburn Faith Hospital	8	1	0.125	0.022	0.471
Alhambra Hospital Medical Center	17	4	0.235	0.096	0.473
Contra Costa Regional Medical Center	4	0	0.000	0.000	0.490
L.A. Downtown Medical Center	4	0	0.000	0.000	0.490
Lompoc Valley Medical Center	4	0	0.000	0.000	0.490
Tenet Health Central Coast Sierra Vista Regional Medical Center	4	0	0.000	0.000	0.490
Tenet Health Central Coast Twin Cities Community Hospital	7	1	0.143	0.026	0.513
Woodland Memorial Hospital	12	3	0.250	0.089	0.532
Adventist Health Delano	3	0	0.000	0.000	0.561
Barton Memorial Hospital	3	0	0.000	0.000	0.561
City of Hope Helford Clinical Research Hospital	3	0	0.000	0.000	0.561
John C Fremont Healthcare District	3	0	0.000	0.000	0.561
Northern Inyo Hospital	3	0	0.000	0.000	0.561
Ridgecrest Regional Hospital	3	0	0.000	0.000	0.561
San Mateo Medical Center	3	0	0.000	0.000	0.561
Sutter Amador Hospital	3	0	0.000	0.000	0.561
El Centro Regional Medical Center	18	6	0.333	0.163	0.563
Sutter Davis Hospital	9	3	0.333	0.121	0.646
Adventist Health Reedley	4	1	0.250	0.046	0.699
Adventist Health Tehachapi Valley	4	1	0.250	0.046	0.699
Kern Valley Healthcare District	4	1	0.250	0.046	0.699
Marian Regional Medical Center Arroyo Grande	4	1	0.250	0.046	0.699
South Coast Global Medical Center	4	1	0.250	0.046	0.699
Adventist Health Tulare	3	1	0.333	0.061	0.792
California Pacific Medical Center Davies Campus Hospital	3	1	0.333	0.061	0.792
Fairchild Medical Center	3	1	0.333	0.061	0.792
Providence Mission Hospital Laguna Beach	3	1	0.333	0.061	0.792
Palomar Medical Center Poway	6	3	0.500	0.188	0.812
Pacifica Hospital of the Valley	4	2	0.500	0.150	0.850

5.3.4 Hospital Data Table

Table 5.8: AMI

Hospital	Cases	AE	AER	LCL	UCL
AHMC Anaheim Regional Medical Center	130	12	0.092	0.054	0.154
AHMC Seton Medical Center	177	14	0.079	0.048	0.128
Adventist Health Bakersfield	418	34	0.081	0.059	0.112
Adventist Health Delano	3	0	0.000	0.000	0.561
Adventist Health Glendale	415	22	0.053	0.035	0.079
Adventist Health Hanford	68	5	0.074	0.032	0.161
Adventist Health Lodi Memorial	27	1	0.037	0.007	0.183
Adventist Health Reedley	4	1	0.250	0.046	0.699
Adventist Health Simi Valley	116	10	0.086	0.047	0.151
Adventist Health Sonora Greenley	39	4	0.103	0.041	0.236
Adventist Health St. Helena	183	12	0.066	0.038	0.111
Adventist Health Tehachapi Valley	4	1	0.250	0.046	0.699
Adventist Health Tulare	3	1	0.333	0.061	0.792
Adventist Health Ukiah Valley	7	0	0.000	0.000	0.354
Adventist Health White Memorial	253	13	0.051	0.030	0.086
Adventist Health and Rideout	211	16	0.076	0.047	0.120
Alameda Hospital	7	0	0.000	0.000	0.354
Alhambra Hospital Medical Center	17	4	0.235	0.096	0.473
Alta Bates Summit Medical Center	460	19	0.041	0.027	0.064
Alta Bates Summit Medical Center Alta Bates Campus	13	2	0.154	0.043	0.422
Alvarado Hospital Medical Center	123	4	0.033	0.013	0.081
Anaheim Global Medical Center	33	1	0.030	0.005	0.153
Antelope Valley Hospital	333	14	0.042	0.025	0.069
Arrowhead Regional Medical Center	86	3	0.035	0.012	0.098
Bakersfield Heart Hospital	231	12	0.052	0.030	0.089
Bakersfield Memorial Hospital	347	26	0.075	0.052	0.108
Barstow Community Hospital	10	0	0.000	0.000	0.278
Barton Memorial Hospital	3	0	0.000	0.000	0.561
Beverly Hospital	151	10	0.066	0.036	0.118
California Hospital Medical Center Los Angeles	123	4	0.033	0.013	0.081
California Pacific Medical Center Davies	3	1	0.333	0.061	0.792
Campus Hospital					
California Pacific Medical Center Mission Bernal Campus	10	0	0.000	0.000	0.278
California Pacific Medical Center Van Ness Campus	214	13	0.061	0.036	0.101
Cedars Sinai Marina Del Rey Hospital	5	0	0.000	0.000	0.434
Cedars Sinai Medical Center	629	26	0.041	0.028	0.060
Centinela Hospital Medical Center	266	12	0.045	0.026	0.077

Hospital	Cases	AE	AER	LCL	UCL
Chinese Hospital	9	0	0.000	0.000	0.299
Chino Valley Medical Center	67	5	0.075	0.032	0.163
City of Hope Helford Clinical Research Hospital	3	0	0.000	0.000	0.561
Clovis Community Medical Center	147	11	0.075	0.042	0.129
Coast Plaza Hospital	37	1	0.027	0.005	0.138
College Medical Center	11	1	0.091	0.016	0.377
Community Hospital Long Beach	7	0	0.000	0.000	0.354
Community Hospital of Huntington Park	42	1	0.024	0.004	0.123
Community Hospital of San Bernardino	38	2	0.053	0.015	0.173
Community Hospital of the Monterey Peninsula	170	15	0.088	0.054	0.140
Community Memorial Hospital San Buenaventura	230	14	0.061	0.037	0.100
Community Regional Medical Center Fresno	501	37	0.074	0.054	0.100
Contra Costa Regional Medical Center	4	0	0.000	0.000	0.490
Corona Regional Medical Center Main	100	5	0.050	0.022	0.112
Dameron Hospital	121	7	0.058	0.028	0.115
Desert Regional Medical Center	358	26	0.073	0.050	0.104
Desert Valley Hospital	314	12	0.038	0.022	0.066
Doctors Hospital of Manteca	14	2	0.143	0.040	0.399
Doctors Hospital of Riverside	24	2	0.083	0.023	0.258
Doctors Medical Center	536	50	0.093	0.071	0.121
Dominican Hospital	213	6	0.028	0.013	0.060
East Los Angeles Doctors Hospital	13	1	0.077	0.014	0.333
Eden Medical Center	26	1	0.038	0.007	0.189
Eisenhower Medical Center	433	13	0.030	0.018	0.051
El Camino Health	273	9	0.033	0.017	0.061
El Centro Regional Medical Center	18	6	0.333	0.163	0.563
Emanate Health Foothill Presbyterian Hospital	28	4	0.143	0.057	0.315
Emanate Health Inter Community Hospital	404	22	0.054	0.036	0.081
Emanate Health Queen of the Valley Hospital	36	9	0.250	0.138	0.411
Emanuel Medical Center	326	16	0.049	0.030	0.078
Encino Hospital Medical Center	16	0	0.000	0.000	0.194
Enloe Medical Center? Esplanade	367	28	0.076	0.053	0.108
Fairchild Medical Center	3	1	0.333	0.061	0.792
Foothill Regional Medical Center	11	0	0.000	0.000	0.259
Fountain Valley Regional Hospital & Medical Center Euclid	264	22	0.083	0.056	0.123
French Hospital Medical Center	272	12	0.044	0.025	0.076
Garden Grove Hospital and Medical Center	21	2	0.095	0.027	0.289
Garfield Medical Center	255	15	0.059	0.036	0.095
Glendale Memorial Hospital and Health Center	201	7	0.035	0.017	0.070
Good Samaritan Hospital Bakersfield	20	1	0.050	0.009	0.236
Good Samaritan Hospital San Jose	290	14	0.048	0.029	0.079
Greater El Monte Community Hospital	33	3	0.091	0.031	0.236

Hospital	Cases	AE	AER	LCL	UCL
Grossmont Hospital	397	28	0.071	0.049	0.100
Hemet Global Medical Center	36	3	0.083	0.029	0.218
Henry Mayo Newhall Hospital	202	12	0.059	0.034	0.101
Hi-Desert Medical Center	5	0	0.000	0.000	0.434
Highland Hospital	125	5	0.040	0.017	0.090
Hoag Memorial Hospital Presbyterian	438	21	0.048	0.032	0.072
Hollywood Presbyterian Medical Center	276	17	0.062	0.039	0.096
Huntington Beach Hospital	17	1	0.059	0.010	0.270
Huntington Hospital	235	16	0.068	0.042	0.108
John C Fremont Healthcare District	3	0	0.000	0.000	0.561
John F. Kennedy Memorial Hospital	97	11	0.113	0.065	0.192
John Muir Medical Center Concord Campus	380	26	0.068	0.047	0.098
John Muir Medical Center Walnut Creek Campus	102	12	0.118	0.069	0.194
Kaiser Foundation Hospital & Rehab Center Vallejo	204	7	0.034	0.017	0.069
Kaiser Foundation Hospital Antioch	54	4	0.074	0.029	0.176
Kaiser Foundation Hospital Baldwin Park	60	6	0.100	0.047	0.201
Kaiser Foundation Hospital Downey	94	4	0.043	0.017	0.104
Kaiser Foundation Hospital Fontana	479	21	0.044	0.029	0.066
Kaiser Foundation Hospital Fremont	86	3	0.035	0.012	0.098
Kaiser Foundation Hospital Fresno	112	3	0.027	0.009	0.076
Kaiser Foundation Hospital Los Angeles	1036	30	0.029	0.020	0.041
Kaiser Foundation Hospital Manteca	141	10	0.071	0.039	0.126
Kaiser Foundation Hospital Moreno Valley	58	0	0.000	0.000	0.062
Kaiser Foundation Hospital Oakland/Richmond	315	9	0.029	0.015	0.053
Kaiser Foundation Hospital Orange County Anaheim	178	9	0.051	0.027	0.093
Kaiser Foundation Hospital Panorama City	63	2	0.032	0.009	0.109
Kaiser Foundation Hospital Redwood City	56	2	0.036	0.010	0.121
Kaiser Foundation Hospital Riverside	90	11	0.122	0.070	0.206
Kaiser Foundation Hospital Roseville	492	13	0.026	0.016	0.045
Kaiser Foundation Hospital Sacramento	122	6	0.049	0.023	0.103
Kaiser Foundation Hospital San Diego Zion	118	4	0.034	0.013	0.084
Kaiser Foundation Hospital San Francisco	579	28	0.048	0.034	0.069
Kaiser Foundation Hospital San Jose	209	5	0.024	0.010	0.055
Kaiser Foundation Hospital San Leandro	47	7	0.149	0.074	0.277
Kaiser Foundation Hospital San Rafael	55	1	0.018	0.003	0.096
Kaiser Foundation Hospital Santa Clara	609	28	0.046	0.032	0.066
Kaiser Foundation Hospital Santa Rosa	50	1	0.020	0.004	0.105
Kaiser Foundation Hospital South Bay	58	4	0.069	0.027	0.164
Kaiser Foundation Hospital South Sacramento	365	20	0.055	0.036	0.083
Kaiser Foundation Hospital South San Francisco	34	2	0.059	0.016	0.191
Kaiser Foundation Hospital Vacaville	24	2	0.083	0.023	0.258

Hospital	Cases	AE	AER	LCL	UCL
Kaiser Foundation Hospital Walnut Creek	303	12	0.040	0.023	0.068
Kaiser Foundation Hospital West LA	100	4	0.040	0.016	0.098
Kaiser Foundation Hospital Woodland Hills	77	5	0.065	0.028	0.143
Kaweah Health Medical Center	480	45	0.094	0.071	0.123
Keck Hospital of USC	98	21	0.214	0.145	0.305
Kern Medical Center	37	3	0.081	0.028	0.213
Kern Valley Healthcare District	4	1	0.250	0.046	0.699
L.A. Downtown Medical Center	4	0	0.000	0.000	0.490
La Palma Intercommunity Hospital	25	1	0.040	0.007	0.195
Lakewood Regional Medical Center	276	18	0.065	0.042	0.101
Loma Linda University Medical Center	594	43	0.072	0.054	0.096
Loma Linda University Medical Center Murrieta	441	29	0.066	0.046	0.093
Lompoc Valley Medical Center	4	0	0.000	0.000	0.490
Los Alamitos Medical Center	191	29	0.152	0.108	0.210
Los Angeles Community Hospital	7	0	0.000	0.000	0.354
Los Angeles County Olive View UCLA Medical Center	99	2	0.020	0.006	0.071
Los Angeles County+USC Medical Center	253	22	0.087	0.058	0.128
Los Angeles County/Harbor UCLA Medical Center	264	20	0.076	0.050	0.114
Los Robles Hospital & Medical Center	262	7	0.027	0.013	0.054
Madera Community Hospital	40	6	0.150	0.071	0.291
Marian Regional Medical Center	170	14	0.082	0.050	0.133
Marian Regional Medical Center Arroyo Grande	4	1	0.250	0.046	0.699
MarinHealth Medical Center	219	7	0.032	0.016	0.064
Marshall Medical Center	14	1	0.071	0.013	0.315
Memorial Hospital of Gardena	48	4	0.083	0.033	0.196
Memorial Medical Center Modesto	280	14	0.050	0.030	0.082
MemorialCare Long Beach Medical Center	299	28	0.094	0.066	0.132
MemorialCare Orange Coast Medical Center	280	11	0.039	0.022	0.069
MemorialCare Saddleback Medical Center	237	9	0.038	0.020	0.071
Menifee Global Medical Center	10	1	0.100	0.018	0.404
Mercy General Hospital	1061	44	0.041	0.031	0.055
Mercy Hospital Bakersfield	31	3	0.097	0.033	0.249
Mercy Hospital of Folsom	30	1	0.033	0.006	0.167
Mercy Medical Center Merced	54	1	0.019	0.003	0.098
Mercy Medical Center Redding	241	15	0.062	0.038	0.100
Mercy San Juan Medical Center	417	30	0.072	0.051	0.101
Methodist Hospital of Sacramento	41	5	0.122	0.053	0.255
Mills-Peninsula Medical Center	258	20	0.078	0.051	0.117
Mission Community Hospital Panorama Campus	11	1	0.091	0.016	0.377
Montclair Hospital Medical Center	14	0	0.000	0.000	0.215
Monterey Park Hospital	11	0	0.000	0.000	0.259
Natividad Medical Center	9	1	0.111	0.020	0.435

Hospital	Cases	AE	AER	LCL	UCL
NorthBay Medical Center	226	13	0.058	0.034	0.096
Northern Inyo Hospital	3	0	0.000	0.000	0.561
Northridge Hospital Medical Center	498	26	0.052	0.036	0.075
Norwalk Community Hospital	27	0	0.000	0.000	0.125
O'Connor Hospital	228	12	0.053	0.030	0.090
Olympia Medical Center	6	0	0.000	0.000	0.390
Orange County Global Medical Center	152	6	0.039	0.018	0.083
Oroville Hospital	50	3	0.060	0.021	0.162
PIH Health Good Samaritan Hospital	225	14	0.062	0.037	0.102
PIH Health Hospital Downey	162	7	0.043	0.021	0.086
PIH Health Hospital Whittier	464	29	0.062	0.044	0.088
Pacifica Hospital of the Valley	4	2	0.500	0.150	0.850
Palmdale Regional Medical Center	206	14	0.068	0.041	0.111
Palomar Health Downtown Campus	174	10	0.057	0.032	0.103
Palomar Medical Center	178	15	0.084	0.052	0.134
Palomar Medical Center Poway	6	3	0.500	0.188	0.812
Paradise Valley Hospital	65	1	0.015	0.003	0.082
Petaluma Valley Hospital	10	1	0.100	0.018	0.404
Pioneers Memorial Healthcare District	12	2	0.167	0.047	0.448
Placentia Linda Hospital	55	4	0.073	0.029	0.173
Pomona Valley Hospital Medical Center	381	30	0.079	0.056	0.110
Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center	124	12	0.097	0.056	0.162
Providence Cedars Sinai Tarzana Medical Center	151	10	0.066	0.036	0.118
Providence Holy Cross Medical Center	244	12	0.049	0.028	0.084
Providence Little Company of Mary Medical Center San Pedro	8	0	0.000	0.000	0.324
Providence Little Company of Mary Medical Center Torrance	402	23	0.057	0.038	0.084
Providence Mission Hospital	302	31	0.103	0.073	0.142
Providence Mission Hospital Laguna Beach	3	1	0.333	0.061	0.792
Providence Queen of the Valley Medical Center	132	10	0.076	0.042	0.134
Providence Saint John's Health Center	175	10	0.057	0.031	0.102
Providence Saint Joseph Medical Center	320	20	0.062	0.041	0.095
Providence Santa Rosa Memorial Hospital Montgomery	323	21	0.065	0.043	0.097
Providence St. Joseph Hospital	301	20	0.066	0.043	0.100
Providence St. Joseph Hospital Eureka	147	13	0.088	0.052	0.145
Providence St. Jude Medical Center	309	37	0.120	0.088	0.161
Redlands Community Hospital	28	2	0.071	0.020	0.226
Regional Medical Center of San Jose	317	25	0.079	0.054	0.114
Ridgecrest Regional Hospital	3	0	0.000	0.000	0.561
Riverside Community Hospital	760	29	0.038	0.027	0.054

Hospital	Cases	AE	AER	LCL	UCL
Riverside University Health System Medical Center	60	4	0.067	0.026	0.159
Ronald Reagan UCLA Medical Center	208	18	0.087	0.055	0.133
Saint Agnes Medical Center	441	39	0.088	0.065	0.119
Saint Francis Memorial Hospital	8	0	0.000	0.000	0.324
Salinas Valley Health Medical Center	212	15	0.071	0.043	0.113
San Antonio Regional Hospital	578	33	0.057	0.041	0.079
San Dimas Community Hospital	23	1	0.043	0.008	0.210
San Gabriel Valley Medical Center	31	7	0.226	0.114	0.398
San Geronimo Memorial Hospital	12	1	0.083	0.015	0.354
San Joaquin General Hospital	37	4	0.108	0.043	0.247
San Mateo Medical Center	3	0	0.000	0.000	0.561
San Ramon Regional Medical Center	87	11	0.126	0.072	0.212
Santa Barbara Cottage Hospital	263	15	0.057	0.035	0.092
Santa Clara Valley Medical Center	175	9	0.051	0.027	0.095
Santa Monica UCLA Medical Center and Orthopaedic Hospital	81	3	0.037	0.013	0.103
Scripps Memorial Hospital Encinitas	208	6	0.029	0.013	0.061
Scripps Memorial Hospital La Jolla	772	24	0.031	0.021	0.046
Scripps Mercy Hospital	358	25	0.070	0.048	0.101
Sequoia Hospital	81	6	0.074	0.034	0.152
Sharp Chula Vista Medical Center	350	23	0.066	0.044	0.097
Sharp Coronado Hospital and Healthcare Center	7	0	0.000	0.000	0.354
Sharp Memorial Hospital	398	28	0.070	0.049	0.100
Shasta Regional Medical Center	196	23	0.117	0.079	0.170
Sherman Oaks Hospital	70	2	0.029	0.008	0.098
Sierra Nevada Memorial Hospital	7	0	0.000	0.000	0.354
Sierra View Medical Center	78	7	0.090	0.044	0.174
South Coast Global Medical Center	4	1	0.250	0.046	0.699
Southern California Hospital at Culver City	217	5	0.023	0.010	0.053
Southern California Hospital at Hollywood	21	0	0.000	0.000	0.155
Southwest Healthcare System Murrieta	38	2	0.053	0.015	0.173
St. Bernardine Medical Center	496	30	0.060	0.043	0.085
St. Elizabeth Community Hospital	9	1	0.111	0.020	0.435
St. Francis Medical Center	290	18	0.062	0.040	0.096
St. John's Hospital Camarillo	23	1	0.043	0.008	0.210
St. John's Regional Medical Center	266	18	0.068	0.043	0.104
St. Joseph's Medical Center of Stockton	811	51	0.063	0.048	0.082
St. Louise Regional Hospital	6	0	0.000	0.000	0.390
St. Mary Medical Center Apple Valley	457	19	0.042	0.027	0.064
St. Mary Medical Center Long Beach	195	13	0.067	0.039	0.111
St. Mary's Medical Center	81	4	0.049	0.019	0.120
St. Rose Hospital	184	18	0.098	0.063	0.149
Stanford Health Care	306	18	0.059	0.038	0.091

Hospital	Cases	AE	AER	LCL	UCL
Stanford Health Care Tri-Valley	136	18	0.132	0.085	0.200
Sutter Amador Hospital	3	0	0.000	0.000	0.561
Sutter Auburn Faith Hospital	8	1	0.125	0.022	0.471
Sutter Coast Hospital	13	1	0.077	0.014	0.333
Sutter Davis Hospital	9	3	0.333	0.121	0.646
Sutter Delta Medical Center	194	8	0.041	0.021	0.079
Sutter Medical Center Sacramento	637	32	0.050	0.036	0.070
Sutter Roseville Medical Center	489	27	0.055	0.038	0.079
Sutter Santa Rosa Regional Hospital	205	8	0.039	0.020	0.075
Sutter Solano Medical Center	17	3	0.176	0.062	0.410
Sutter Tracy Community Hospital	13	0	0.000	0.000	0.228
Temecula Valley Hospital	392	24	0.061	0.041	0.089
Tenet Health Central Coast Sierra Vista Regional Medical Center	4	0	0.000	0.000	0.490
Tenet Health Central Coast Twin Cities Community Hospital	7	1	0.143	0.026	0.513
Torrance Memorial Medical Center	415	45	0.108	0.082	0.142
Tri-City Medical Center	238	13	0.055	0.032	0.091
UC Davis Medical Center	176	15	0.085	0.052	0.136
UC Irvine Medical Center	227	14	0.062	0.037	0.101
UC San Diego Health Hillcrest Hillcrest Medical Center	407	28	0.069	0.048	0.098
UC San Francisco Medical Center	201	15	0.075	0.046	0.119
USC Arcadia Hospital	186	16	0.086	0.054	0.135
USC Verdugo Hills Hospital	21	1	0.048	0.008	0.227
Valley Presbyterian Hospital	123	4	0.033	0.013	0.081
Ventura County Medical Center	46	1	0.022	0.004	0.113
Victor Valley Global Medical Center	23	1	0.043	0.008	0.210
Washington Hospital Fremont	232	16	0.069	0.043	0.109
Watsonville Community Hospital	5	0	0.000	0.000	0.434
West Anaheim Medical Center	151	3	0.020	0.007	0.057
West Hills Hospital and Medical Center	218	15	0.069	0.042	0.110
Whittier Hospital Medical Center	26	2	0.077	0.021	0.241
Woodland Memorial Hospital	12	3	0.250	0.089	0.532

5.3.5 Summary

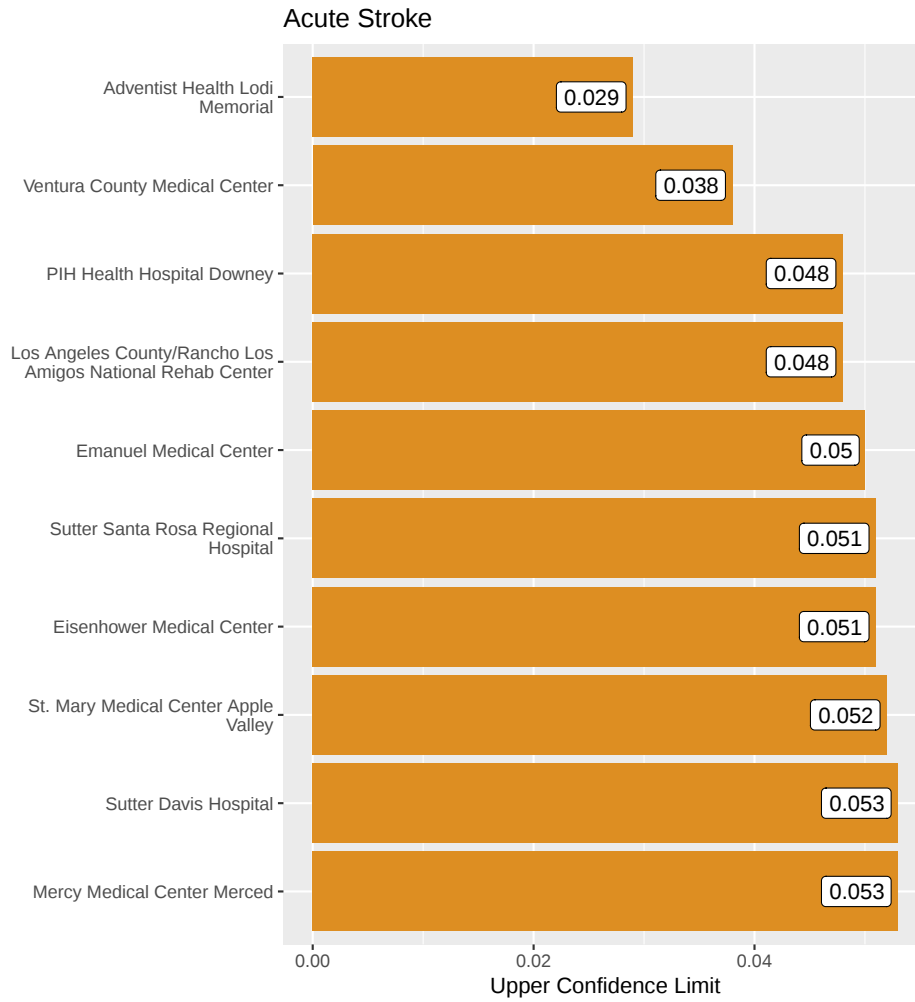
Table 5.9: AMI

Hospitals	Cases.tot	AE.tot	AER.avg	AER.se	UCL.avg	UCL.se
273	46940	2842	0.073	0.004	0.208	0.011

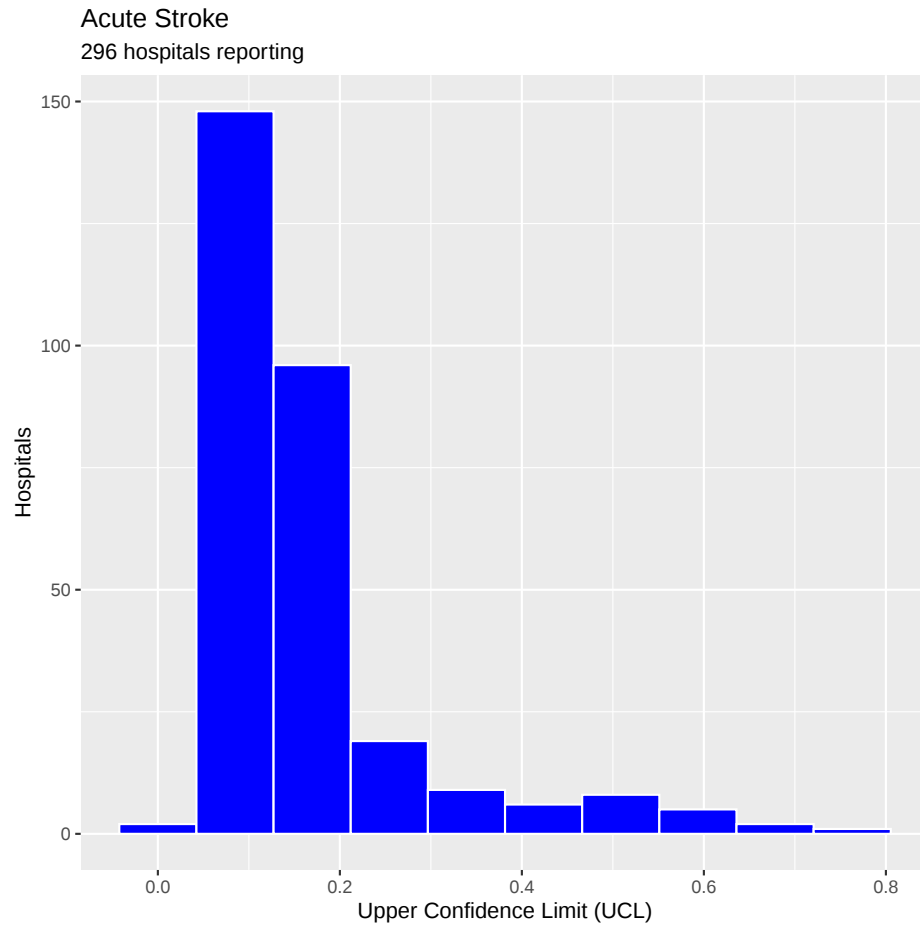
- **Cases.tot:** The total number of cases
- **AE.tot:** The total number of adverse events
- **AER.avg:** The average or arithmetic mean of the Adverse Event Rate for all hospitals.
 - Note: AER.avg is the average of the individual hospital AER values.
 - The AMI AER rate for all hospitals is $AE.tot/Cases.tot$ and is equal to 0.061.
- **AER.se:** The AER.avg standard error.
- **UCL.avg:** The average or arithmetic mean of the Upper Confidence Limit (UCL) for all hospitals.
 - The UCL is important to compare the relative performance of hospitals reporting zero Adverse Events.
- **UCL.se:** The UCL.avg standard error

5.4 Acute Stroke

5.4.1 Ten Lowest Upper Confidence Limits (UCL) bar chart



5.4.2 Upper Confidence Limit (UCL) Histogram



5.4.3 Upper Confidence Limit (UCL) Listing

Hospitals listed in UCL ascending order:

Table 5.10: Acute Stroke

Hospital	Cases	AE	AER	LCL	UCL
Adventist Health Lodi Memorial	129	0	0.000	0.000	0.029
Ventura County Medical Center	96	0	0.000	0.000	0.038
Los Angeles County/Rancho Los Amigos National Rehab Center	114	1	0.009	0.002	0.048
PIH Health Hospital Downey	179	3	0.017	0.006	0.048
Emanuel Medical Center	110	1	0.009	0.002	0.050
Eisenhower Medical Center	529	17	0.032	0.020	0.051
Sutter Santa Rosa Regional Hospital	107	1	0.009	0.002	0.051
St. Mary Medical Center Apple Valley	297	8	0.027	0.014	0.052
Mercy Medical Center Merced	191	4	0.021	0.008	0.053
Sutter Davis Hospital	69	0	0.000	0.000	0.053
UC Irvine Medical Center	485	17	0.035	0.022	0.055
West Hills Hospital and Medical Center	205	5	0.024	0.010	0.056
Community Memorial Hospital San Buenaventura	248	7	0.028	0.014	0.057
Hoag Memorial Hospital Presbyterian	690	28	0.041	0.028	0.058
St. Louise Regional Hospital	61	0	0.000	0.000	0.059
Doctors Hospital of Manteca	90	1	0.011	0.002	0.060
UC San Diego Health Hillcrest Hillcrest Medical Center	588	24	0.041	0.028	0.060
San Gabriel Valley Medical Center	116	2	0.017	0.005	0.061
Alameda Hospital	86	1	0.012	0.002	0.063
Hemet Global Medical Center	56	0	0.000	0.000	0.064
Memorial Hospital of Gardena	110	2	0.018	0.005	0.064
Kaiser Foundation Hospital San Francisco	213	7	0.033	0.016	0.066
Mercy Hospital of Folsom	147	4	0.027	0.011	0.068
California Hospital Medical Center Los Angeles	224	8	0.036	0.018	0.069
Clovis Community Medical Center	260	10	0.038	0.021	0.069
Kaiser Foundation Hospital Downey	315	13	0.041	0.024	0.069
Kaiser Foundation Hospital Roseville	354	15	0.042	0.026	0.069
Kaiser Foundation Hospital San Jose	260	10	0.038	0.021	0.069
Hollywood Presbyterian Medical Center	183	6	0.033	0.015	0.070
Kaiser Foundation Hospital West LA	254	10	0.039	0.022	0.071
Southern California Hospital at Culver City	99	2	0.020	0.006	0.071
John F. Kennedy Memorial Hospital	137	4	0.029	0.011	0.073
Providence Little Company of Mary Medical Center San Pedro	49	0	0.000	0.000	0.073
Kaiser Foundation Hospital Orange County Anaheim	460	23	0.050	0.034	0.074

Hospital	Cases	AE	AER	LCL	UCL
Los Angeles County Olive View UCLA Medical Center	113	3	0.027	0.009	0.075
Santa Monica UCLA Medical Center and Orthopaedic Hospital	92	2	0.022	0.006	0.076
Loma Linda University Medical Center Murrieta	165	6	0.036	0.017	0.077
Memorial Medical Center Modesto	348	17	0.049	0.031	0.077
St. Joseph's Medical Center of Stockton	349	17	0.049	0.031	0.077
Kaiser Foundation Hospital San Diego Zion	436	23	0.053	0.035	0.078
Alta Bates Summit Medical Center	369	19	0.051	0.033	0.079
Kaiser Foundation Hospital Woodland Hills	160	6	0.038	0.017	0.079
Adventist Health White Memorial	193	8	0.041	0.021	0.080
Contra Costa Regional Medical Center	67	1	0.015	0.003	0.080
St. Francis Medical Center	271	13	0.048	0.028	0.080
Kaiser Foundation Hospital Baldwin Park	140	5	0.036	0.015	0.081
O'Connor Hospital	140	5	0.036	0.015	0.081
Mercy Hospital Bakersfield	188	8	0.043	0.022	0.082
Dameron Hospital	64	1	0.016	0.003	0.083
Doctors Hospital of Riverside	63	1	0.016	0.003	0.085
Glendale Memorial Hospital and Health Center	117	4	0.034	0.013	0.085
Kaiser Foundation Hospital South Bay	257	13	0.051	0.030	0.085
California Pacific Medical Center Mission Bernal Campus	41	0	0.000	0.000	0.086
Los Angeles Community Hospital	41	0	0.000	0.000	0.086
Sierra Nevada Memorial Hospital	97	3	0.031	0.011	0.087
Adventist Health Simi Valley	129	5	0.039	0.017	0.088
Kaiser Foundation Hospital San Leandro	218	11	0.050	0.028	0.088
Riverside Community Hospital	878	61	0.069	0.054	0.088
Saint Agnes Medical Center	330	19	0.058	0.037	0.088
Scripps Mercy Hospital	582	38	0.065	0.048	0.088
MemorialCare Orange Coast Medical Center	186	9	0.048	0.026	0.089
Shasta Regional Medical Center	126	5	0.040	0.017	0.090
Los Robles Hospital & Medical Center	361	22	0.061	0.041	0.091
Sutter Solano Medical Center	93	3	0.032	0.011	0.091
AHMC Anaheim Regional Medical Center	75	2	0.027	0.007	0.092
Community Hospital of the Monterey Peninsula	288	17	0.059	0.037	0.092
Desert Valley Hospital	75	2	0.027	0.007	0.092
San Ramon Regional Medical Center	91	3	0.033	0.011	0.092
Corona Regional Medical Center Main	164	8	0.049	0.025	0.093
Palmdale Regional Medical Center	248	14	0.056	0.034	0.093
Santa Clara Valley Medical Center	311	19	0.061	0.039	0.093
Sierra View Medical Center	106	4	0.038	0.015	0.093
Kaiser Foundation Hospital Antioch	203	11	0.054	0.031	0.094
Cedars Sinai Medical Center	669	49	0.073	0.056	0.096

Hospital	Cases	AE	AER	LCL	UCL
Community Hospital of San Bernardino	36	0	0.000	0.000	0.096
Kaiser Foundation Hospital Los Angeles	666	49	0.074	0.056	0.096
Oroville Hospital	131	6	0.046	0.021	0.096
Petaluma Valley Hospital	55	1	0.018	0.003	0.096
Sutter Amador Hospital	55	1	0.018	0.003	0.096
Ronald Reagan UCLA Medical Center	398	27	0.068	0.047	0.097
Sutter Roseville Medical Center	567	41	0.072	0.054	0.097
Good Samaritan Hospital San Jose	455	32	0.070	0.050	0.098
Kaiser Foundation Hospital San Rafael	143	7	0.049	0.024	0.098
MemorialCare Long Beach Medical Center	557	41	0.074	0.055	0.098
Monterey Park Hospital	54	1	0.019	0.003	0.098
Scripps Memorial Hospital Encinitas	259	16	0.062	0.038	0.098
Bakersfield Heart Hospital	35	0	0.000	0.000	0.099
Kaiser Foundation Hospital Walnut Creek	245	15	0.061	0.037	0.099
San Antonio Regional Hospital	444	32	0.072	0.052	0.100
Watsonville Community Hospital	84	3	0.036	0.012	0.100
Centinela Hospital Medical Center	324	22	0.068	0.045	0.101
Kaiser Foundation Hospital Panorama City	111	5	0.045	0.019	0.101
Bakersfield Memorial Hospital	414	30	0.072	0.051	0.102
Kaiser Foundation Hospital Oakland/Richmond	467	35	0.075	0.054	0.102
Kaiser Foundation Hospital Santa Clara	260	17	0.065	0.041	0.102
Chinese Hospital	51	1	0.020	0.003	0.103
Marshall Medical Center	109	5	0.046	0.020	0.103
Emanate Health Foothill Presbyterian Hospital	66	2	0.030	0.008	0.104
San Mateo Medical Center	33	0	0.000	0.000	0.104
Adventist Health Bakersfield	487	38	0.078	0.057	0.105
Lompoc Valley Medical Center	50	1	0.020	0.004	0.105
Marian Regional Medical Center Arroyo Grande	50	1	0.020	0.004	0.105
Regional Medical Center of San Jose	648	53	0.082	0.063	0.105
Sequoia Hospital	80	3	0.038	0.013	0.105
Adventist Health Ukiah Valley	49	1	0.020	0.004	0.107
Sharp Memorial Hospital	499	40	0.080	0.059	0.107
Sutter Delta Medical Center	64	2	0.031	0.009	0.107
Adventist Health and Rideout	268	19	0.071	0.046	0.108
Kaiser Foundation Hospital Fontana	612	51	0.083	0.064	0.108
Fairchild Medical Center	31	0	0.000	0.000	0.110
Sutter Medical Center Sacramento	486	40	0.082	0.061	0.110
Cedars Sinai Marina Del Rey Hospital	47	1	0.021	0.004	0.111
Kaiser Foundation Hospital South Sacramento	316	24	0.076	0.052	0.111
MemorialCare Saddleback Medical Center	330	26	0.079	0.054	0.113
Scripps Memorial Hospital La Jolla	556	48	0.086	0.066	0.113
Kaweah Health Medical Center	500	43	0.086	0.064	0.114
St. Mary's Medical Center	73	3	0.041	0.014	0.114
Sutter Auburn Faith Hospital	73	3	0.041	0.014	0.114

Hospital	Cases	AE	AER	LCL	UCL
Torrance Memorial Medical Center	611	54	0.088	0.068	0.114
Valley Presbyterian Hospital	121	7	0.058	0.028	0.115
El Centro Regional Medical Center	142	9	0.063	0.034	0.116
Adventist Health Hanford	162	11	0.068	0.038	0.117
Beverly Hospital	141	9	0.064	0.034	0.117
Pioneers Memorial Healthcare District	83	4	0.048	0.019	0.117
Providence Mission Hospital	407	35	0.086	0.062	0.117
Antelope Valley Hospital	492	44	0.089	0.067	0.118
French Hospital Medical Center	44	1	0.023	0.004	0.118
Huntington Hospital	415	36	0.087	0.063	0.118
Kaiser Foundation Hospital South San Francisco	182	13	0.071	0.042	0.118
Mercy General Hospital	183	13	0.071	0.042	0.118
Providence St. Jude Medical Center	590	54	0.092	0.071	0.118
John Muir Medical Center Concord Campus	170	12	0.071	0.041	0.119
AHMC Seton Medical Center	126	8	0.063	0.033	0.120
Methodist Hospital of Sacramento	180	13	0.072	0.043	0.120
Providence Little Company of Mary Medical Center Torrance	614	58	0.094	0.074	0.120
Hi-Desert Medical Center	28	0	0.000	0.000	0.121
Marian Regional Medical Center	146	10	0.068	0.038	0.121
Riverside University Health System Medical Center	345	30	0.087	0.062	0.121
Sonoma Valley Hospital	28	0	0.000	0.000	0.121
Garfield Medical Center	315	27	0.086	0.060	0.122
USC Verdugo Hills Hospital	80	4	0.050	0.020	0.122
Dominican Hospital	245	20	0.082	0.053	0.123
Henry Mayo Newhall Hospital	195	15	0.077	0.047	0.123
Providence Cedars Sinai Tarzana Medical Center	165	12	0.073	0.042	0.123
Alhambra Hospital Medical Center	67	3	0.045	0.015	0.124
Kaiser Foundation Hospital Fresno	223	18	0.081	0.052	0.124
Kaiser Foundation Hospital Sacramento	678	67	0.099	0.079	0.124
Salinas Valley Health Medical Center	278	24	0.086	0.059	0.125
Southwest Healthcare System Murrieta	427	40	0.094	0.070	0.125
Providence St. Joseph Hospital	387	36	0.093	0.068	0.126
Grossmont Hospital	731	76	0.104	0.084	0.128
Santa Barbara Cottage Hospital	487	48	0.099	0.075	0.128
MarinHealth Medical Center	233	20	0.086	0.056	0.129
Sharp Coronado Hospital and Healthcare Center	40	1	0.025	0.004	0.129
Sherman Oaks Hospital	40	1	0.025	0.004	0.129
Tenet Health Central Coast Twin Cities Community Hospital	86	5	0.058	0.025	0.129
Adventist Health Glendale	402	39	0.097	0.072	0.130

Hospital	Cases	AE	AER	LCL	UCL
St. Mary Medical Center Long Beach	274	25	0.091	0.063	0.131
Alta Bates Summit Medical Center Alta Bates Campus	200	17	0.085	0.054	0.132
Emanate Health Queen of the Valley Hospital	394	39	0.099	0.073	0.132
Mills-Peninsula Medical Center	412	41	0.100	0.074	0.132
St. Bernardine Medical Center	368	36	0.098	0.072	0.132
Barstow Community Hospital	25	0	0.000	0.000	0.133
Enloe Medical Center? Esplanade	366	36	0.098	0.072	0.133
Kaiser Foundation Hospital Manteca	161	13	0.081	0.048	0.133
Stanford Health Care	688	74	0.108	0.087	0.133
Los Angeles County/Harbor UCLA Medical Center	232	21	0.091	0.060	0.134
Temecula Valley Hospital	319	31	0.097	0.069	0.135
Garden Grove Hospital and Medical Center	37	1	0.027	0.005	0.138
UC Davis Medical Center	493	53	0.108	0.083	0.138
Doctors Medical Center	959	113	0.118	0.099	0.140
St. Elizabeth Community Hospital	69	4	0.058	0.023	0.140
West Anaheim Medical Center	48	2	0.042	0.012	0.140
Kaiser Foundation Hospital Fremont	134	11	0.082	0.046	0.141
Community Regional Medical Center Fresno	974	117	0.120	0.101	0.142
Kaiser Foundation Hospital Santa Rosa	202	19	0.094	0.061	0.142
Novato Community Hospital	36	1	0.028	0.005	0.142
UC San Francisco Medical Center	535	60	0.112	0.088	0.142
El Camino Health	418	46	0.110	0.084	0.144
NorthBay Medical Center	254	26	0.102	0.071	0.146
PIH Health Good Samaritan Hospital	519	60	0.116	0.091	0.146
Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center	350	38	0.109	0.080	0.146
Northridge Hospital Medical Center	379	43	0.113	0.085	0.149
Providence Saint John's Health Center	292	32	0.110	0.079	0.151
Tri-City Medical Center	296	33	0.111	0.080	0.152
Kaiser Foundation Hospital Vacaville	131	12	0.092	0.053	0.153
Mission Community Hospital Panorama Campus	33	1	0.030	0.005	0.153
PIH Health Hospital Whittier	698	88	0.126	0.103	0.153
Sharp Chula Vista Medical Center	406	48	0.118	0.090	0.153
Adventist Health St. Helena	21	0	0.000	0.000	0.155
Foothill Regional Medical Center	21	0	0.000	0.000	0.155
Providence Queen of the Valley Medical Center	177	18	0.102	0.065	0.155
Providence Saint Joseph Medical Center	501	62	0.124	0.098	0.155
Ridgecrest Regional Hospital	21	0	0.000	0.000	0.155
USC Arcadia Hospital	449	55	0.122	0.095	0.156
Washington Hospital Fremont	250	28	0.112	0.079	0.157
Pomona Valley Hospital Medical Center	758	100	0.132	0.110	0.158

Hospital	Cases	AE	AER	LCL	UCL
Eden Medical Center	440	55	0.125	0.097	0.159
Redlands Community Hospital	217	24	0.111	0.075	0.159
California Pacific Medical Center Davies Campus Hospital	360	44	0.122	0.092	0.160
Kaiser Foundation Hospital Redwood City	603	79	0.131	0.106	0.160
Providence Holy Cross Medical Center	409	51	0.125	0.096	0.160
Sutter Tracy Community Hospital	77	6	0.078	0.036	0.160
Lakewood Regional Medical Center	251	29	0.116	0.082	0.161
Alvarado Hospital Medical Center	59	4	0.068	0.027	0.162
Kaiser Foundation Hospital & Rehab Center Vallejo	176	19	0.108	0.070	0.162
Los Alamitos Medical Center	416	53	0.127	0.099	0.163
Woodland Memorial Hospital	67	5	0.075	0.032	0.163
Kaiser Foundation Hospital Riverside	107	10	0.093	0.052	0.164
Memorial Hospital Los Banos	40	2	0.050	0.014	0.165
Palomar Medical Center	250	30	0.120	0.085	0.166
Palomar Health Downtown Campus	277	34	0.123	0.089	0.167
St. John's Regional Medical Center	391	51	0.130	0.101	0.167
Fountain Valley Regional Hospital & Medical Center Euclid	401	53	0.132	0.102	0.169
Kaiser Foundation Hospital Moreno Valley	64	5	0.078	0.034	0.170
Orange County Global Medical Center	271	34	0.125	0.091	0.170
Palomar Medical Center Poway	64	5	0.078	0.034	0.170
California Pacific Medical Center Van Ness Campus	178	21	0.118	0.078	0.174
Adventist Health Sonora Greenley	62	5	0.081	0.035	0.175
Adventist Health Mendocino Coast	18	0	0.000	0.000	0.176
Desert Regional Medical Center	477	68	0.143	0.114	0.177
Madera Community Hospital	37	2	0.054	0.015	0.177
St. John's Hospital Camarillo	69	6	0.087	0.040	0.177
Providence Santa Rosa Memorial Hospital Montgomery	285	38	0.133	0.099	0.178
Highland Hospital	166	20	0.120	0.079	0.179
Mercy Medical Center Redding	430	62	0.144	0.114	0.181
Community Hospital of Huntington Park	27	1	0.037	0.007	0.183
Scripps Green Hospital	73	7	0.096	0.047	0.185
Whittier Hospital Medical Center	51	4	0.078	0.031	0.185
Natividad Medical Center	65	6	0.092	0.043	0.187
Adventist Health Tulare	26	1	0.038	0.007	0.189
Victor Valley Global Medical Center	26	1	0.038	0.007	0.189
Providence St. Joseph Hospital Eureka	110	13	0.118	0.070	0.192
Stanford Health Care Tri-Valley	129	16	0.124	0.078	0.192
Mercy San Juan Medical Center	886	148	0.167	0.144	0.193
San Geronio Memorial Hospital	16	0	0.000	0.000	0.194

Hospital	Cases	AE	AER	LCL	UCL
City of Hope Helford Clinical Research Hospital	33	2	0.061	0.017	0.196
Keck Hospital of USC	339	52	0.153	0.119	0.196
Emanate Health Inter Community Hospital	61	6	0.098	0.046	0.198
Los Angeles County+USC Medical Center	331	52	0.157	0.122	0.200
Arrowhead Regional Medical Center	347	55	0.159	0.124	0.201
Adventist Health Clearlake	24	1	0.042	0.007	0.202
Mark Twain Medical Center	24	1	0.042	0.007	0.202
Encino Hospital Medical Center	15	0	0.000	0.000	0.204
San Joaquin General Hospital	139	19	0.137	0.089	0.204
San Dimas Community Hospital	23	1	0.043	0.008	0.210
Loma Linda University Medical Center	598	107	0.179	0.150	0.212
Coast Plaza Hospital	30	2	0.067	0.018	0.213
Adventist Health Reedley	14	0	0.000	0.000	0.215
Paradise Valley Hospital	82	11	0.134	0.077	0.224
John Muir Medical Center Walnut Creek Campus	599	116	0.194	0.164	0.227
Healdsburg Hospital	13	0	0.000	0.000	0.228
South Coast Global Medical Center	13	0	0.000	0.000	0.228
Chino Valley Medical Center	27	2	0.074	0.021	0.234
Placentia Linda Hospital	51	6	0.118	0.055	0.234
Saint Francis Memorial Hospital	56	7	0.125	0.062	0.236
Tenet Health Central Coast Sierra Vista Regional Medical Center	133	22	0.165	0.112	0.238
L.A. Downtown Medical Center	12	0	0.000	0.000	0.242
La Palma Intercommunity Hospital	12	0	0.000	0.000	0.242
Norwalk Community Hospital	12	0	0.000	0.000	0.242
Kern Medical Center	104	17	0.163	0.105	0.246
Adventist Health Howard Memorial	25	2	0.080	0.022	0.250
St. Rose Hospital	36	4	0.111	0.044	0.253
Adventist Health Delano	11	0	0.000	0.000	0.259
Hazel Hawkins Memorial Hospital	31	4	0.129	0.051	0.289
Huntington Beach Hospital	9	0	0.000	0.000	0.299
Menifee Global Medical Center	9	0	0.000	0.000	0.299
Northern Inyo Hospital	14	1	0.071	0.013	0.315
Chapman Global Medical Center	8	0	0.000	0.000	0.324
Southern California Hospital at Hollywood	18	2	0.111	0.031	0.328
Sutter Coast Hospital	22	3	0.136	0.047	0.333
Greater El Monte Community Hospital	17	2	0.118	0.033	0.343
Casa Colina Hospital	7	0	0.000	0.000	0.354
College Medical Center	12	1	0.083	0.015	0.354
Anaheim Global Medical Center	6	0	0.000	0.000	0.390
Oak Valley Hospital District	6	0	0.000	0.000	0.390
Olympia Medical Center	6	0	0.000	0.000	0.390
Pacifica Hospital of the Valley	5	0	0.000	0.000	0.434

Hospital	Cases	AE	AER	LCL	UCL
San Joaquin Valley Rehab Hospital	5	0	0.000	0.000	0.434
Providence Mission Hospital Laguna Beach	9	1	0.111	0.020	0.435
John C Fremont Healthcare District	4	0	0.000	0.000	0.490
Ojai Valley Community Hospital	4	0	0.000	0.000	0.490
Sutter Lakeside Hospital	4	0	0.000	0.000	0.490
Trinity Hospital	4	0	0.000	0.000	0.490
Vibra Rehab Hospital of Rancho Mirage	4	0	0.000	0.000	0.490
Mercy Medical Center Mt. Shasta	13	3	0.231	0.082	0.503
Barton Memorial Hospital	10	2	0.200	0.057	0.510
Mad River Community Hospital	9	2	0.222	0.063	0.547
Orchard Hospital	3	0	0.000	0.000	0.561
Sonoma Specialty Hospital	3	0	0.000	0.000	0.561
Banner Lassen Medical Center	5	1	0.200	0.036	0.624
East Los Angeles Doctors Hospital	5	1	0.200	0.036	0.624
Santa Ynez Valley Cottage Hospital	5	1	0.200	0.036	0.624
Plumas District Hospital	4	1	0.250	0.046	0.699
Providence Redwood Memorial Hospital	6	2	0.333	0.097	0.700
Mammoth Hospital	3	1	0.333	0.061	0.792

5.4.4 Hospital Data Table

Table 5.11: Acute Stroke

Hospital	Cases	AE	AER	LCL	UCL
AHMC Anaheim Regional Medical Center	75	2	0.027	0.007	0.092
AHMC Seton Medical Center	126	8	0.063	0.033	0.120
Adventist Health Bakersfield	487	38	0.078	0.057	0.105
Adventist Health Clearlake	24	1	0.042	0.007	0.202
Adventist Health Delano	11	0	0.000	0.000	0.259
Adventist Health Glendale	402	39	0.097	0.072	0.130
Adventist Health Hanford	162	11	0.068	0.038	0.117
Adventist Health Howard Memorial	25	2	0.080	0.022	0.250
Adventist Health Lodi Memorial	129	0	0.000	0.000	0.029
Adventist Health Mendocino Coast	18	0	0.000	0.000	0.176
Adventist Health Reedley	14	0	0.000	0.000	0.215
Adventist Health Simi Valley	129	5	0.039	0.017	0.088
Adventist Health Sonora Greenley	62	5	0.081	0.035	0.175
Adventist Health St. Helena	21	0	0.000	0.000	0.155
Adventist Health Tulare	26	1	0.038	0.007	0.189
Adventist Health Ukiah Valley	49	1	0.020	0.004	0.107
Adventist Health White Memorial	193	8	0.041	0.021	0.080
Adventist Health and Rideout	268	19	0.071	0.046	0.108
Alameda Hospital	86	1	0.012	0.002	0.063
Alhambra Hospital Medical Center	67	3	0.045	0.015	0.124
Alta Bates Summit Medical Center	369	19	0.051	0.033	0.079
Alta Bates Summit Medical Center Alta Bates Campus	200	17	0.085	0.054	0.132
Alvarado Hospital Medical Center	59	4	0.068	0.027	0.162
Anaheim Global Medical Center	6	0	0.000	0.000	0.390
Antelope Valley Hospital	492	44	0.089	0.067	0.118
Arrowhead Regional Medical Center	347	55	0.159	0.124	0.201
Bakersfield Heart Hospital	35	0	0.000	0.000	0.099
Bakersfield Memorial Hospital	414	30	0.072	0.051	0.102
Banner Lassen Medical Center	5	1	0.200	0.036	0.624
Barstow Community Hospital	25	0	0.000	0.000	0.133
Barton Memorial Hospital	10	2	0.200	0.057	0.510
Beverly Hospital	141	9	0.064	0.034	0.117
California Hospital Medical Center Los Angeles	224	8	0.036	0.018	0.069
California Pacific Medical Center Davies	360	44	0.122	0.092	0.160
Campus Hospital					
California Pacific Medical Center Mission Bernal Campus	41	0	0.000	0.000	0.086
California Pacific Medical Center Van Ness Campus	178	21	0.118	0.078	0.174

Hospital	Cases	AE	AER	LCL	UCL
Casa Colina Hospital	7	0	0.000	0.000	0.354
Cedars Sinai Marina Del Rey Hospital	47	1	0.021	0.004	0.111
Cedars Sinai Medical Center	669	49	0.073	0.056	0.096
Centinela Hospital Medical Center	324	22	0.068	0.045	0.101
Chapman Global Medical Center	8	0	0.000	0.000	0.324
Chinese Hospital	51	1	0.020	0.003	0.103
Chino Valley Medical Center	27	2	0.074	0.021	0.234
City of Hope Helford Clinical Research Hospital	33	2	0.061	0.017	0.196
Clovis Community Medical Center	260	10	0.038	0.021	0.069
Coast Plaza Hospital	30	2	0.067	0.018	0.213
College Medical Center	12	1	0.083	0.015	0.354
Community Hospital of Huntington Park	27	1	0.037	0.007	0.183
Community Hospital of San Bernardino	36	0	0.000	0.000	0.096
Community Hospital of the Monterey Peninsula	288	17	0.059	0.037	0.092
Community Memorial Hospital San Buenaventura	248	7	0.028	0.014	0.057
Community Regional Medical Center Fresno	974	117	0.120	0.101	0.142
Contra Costa Regional Medical Center	67	1	0.015	0.003	0.080
Corona Regional Medical Center Main	164	8	0.049	0.025	0.093
Dameron Hospital	64	1	0.016	0.003	0.083
Desert Regional Medical Center	477	68	0.143	0.114	0.177
Desert Valley Hospital	75	2	0.027	0.007	0.092
Doctors Hospital of Manteca	90	1	0.011	0.002	0.060
Doctors Hospital of Riverside	63	1	0.016	0.003	0.085
Doctors Medical Center	959	113	0.118	0.099	0.140
Dominican Hospital	245	20	0.082	0.053	0.123
East Los Angeles Doctors Hospital	5	1	0.200	0.036	0.624
Eden Medical Center	440	55	0.125	0.097	0.159
Eisenhower Medical Center	529	17	0.032	0.020	0.051
El Camino Health	418	46	0.110	0.084	0.144
El Centro Regional Medical Center	142	9	0.063	0.034	0.116
Emanate Health Foothill Presbyterian Hospital	66	2	0.030	0.008	0.104
Emanate Health Inter Community Hospital	61	6	0.098	0.046	0.198
Emanate Health Queen of the Valley Hospital	394	39	0.099	0.073	0.132
Emanuel Medical Center	110	1	0.009	0.002	0.050
Encino Hospital Medical Center	15	0	0.000	0.000	0.204
Enloe Medical Center? Esplanade	366	36	0.098	0.072	0.133
Fairchild Medical Center	31	0	0.000	0.000	0.110
Foothill Regional Medical Center	21	0	0.000	0.000	0.155
Fountain Valley Regional Hospital & Medical Center Euclid	401	53	0.132	0.102	0.169
French Hospital Medical Center	44	1	0.023	0.004	0.118
Garden Grove Hospital and Medical Center	37	1	0.027	0.005	0.138
Garfield Medical Center	315	27	0.086	0.060	0.122

Hospital	Cases	AE	AER	LCL	UCL
Glendale Memorial Hospital and Health Center	117	4	0.034	0.013	0.085
Good Samaritan Hospital San Jose	455	32	0.070	0.050	0.098
Greater El Monte Community Hospital	17	2	0.118	0.033	0.343
Grossmont Hospital	731	76	0.104	0.084	0.128
Hazel Hawkins Memorial Hospital	31	4	0.129	0.051	0.289
Healdsburg Hospital	13	0	0.000	0.000	0.228
Hemet Global Medical Center	56	0	0.000	0.000	0.064
Henry Mayo Newhall Hospital	195	15	0.077	0.047	0.123
Hi-Desert Medical Center	28	0	0.000	0.000	0.121
Highland Hospital	166	20	0.120	0.079	0.179
Hoag Memorial Hospital Presbyterian	690	28	0.041	0.028	0.058
Hollywood Presbyterian Medical Center	183	6	0.033	0.015	0.070
Huntington Beach Hospital	9	0	0.000	0.000	0.299
Huntington Hospital	415	36	0.087	0.063	0.118
John C Fremont Healthcare District	4	0	0.000	0.000	0.490
John F. Kennedy Memorial Hospital	137	4	0.029	0.011	0.073
John Muir Medical Center Concord Campus	170	12	0.071	0.041	0.119
John Muir Medical Center Walnut Creek Campus	599	116	0.194	0.164	0.227
Kaiser Foundation Hospital & Rehab Center Vallejo	176	19	0.108	0.070	0.162
Kaiser Foundation Hospital Antioch	203	11	0.054	0.031	0.094
Kaiser Foundation Hospital Baldwin Park	140	5	0.036	0.015	0.081
Kaiser Foundation Hospital Downey	315	13	0.041	0.024	0.069
Kaiser Foundation Hospital Fontana	612	51	0.083	0.064	0.108
Kaiser Foundation Hospital Fremont	134	11	0.082	0.046	0.141
Kaiser Foundation Hospital Fresno	223	18	0.081	0.052	0.124
Kaiser Foundation Hospital Los Angeles	666	49	0.074	0.056	0.096
Kaiser Foundation Hospital Manteca	161	13	0.081	0.048	0.133
Kaiser Foundation Hospital Moreno Valley	64	5	0.078	0.034	0.170
Kaiser Foundation Hospital Oakland/Richmond	467	35	0.075	0.054	0.102
Kaiser Foundation Hospital Orange County Anaheim	460	23	0.050	0.034	0.074
Kaiser Foundation Hospital Panorama City	111	5	0.045	0.019	0.101
Kaiser Foundation Hospital Redwood City	603	79	0.131	0.106	0.160
Kaiser Foundation Hospital Riverside	107	10	0.093	0.052	0.164
Kaiser Foundation Hospital Roseville	354	15	0.042	0.026	0.069
Kaiser Foundation Hospital Sacramento	678	67	0.099	0.079	0.124
Kaiser Foundation Hospital San Diego Zion	436	23	0.053	0.035	0.078
Kaiser Foundation Hospital San Francisco	213	7	0.033	0.016	0.066
Kaiser Foundation Hospital San Jose	260	10	0.038	0.021	0.069
Kaiser Foundation Hospital San Leandro	218	11	0.050	0.028	0.088
Kaiser Foundation Hospital San Rafael	143	7	0.049	0.024	0.098
Kaiser Foundation Hospital Santa Clara	260	17	0.065	0.041	0.102

Hospital	Cases	AE	AER	LCL	UCL
Kaiser Foundation Hospital Santa Rosa	202	19	0.094	0.061	0.142
Kaiser Foundation Hospital South Bay	257	13	0.051	0.030	0.085
Kaiser Foundation Hospital South Sacramento	316	24	0.076	0.052	0.111
Kaiser Foundation Hospital South San Francisco	182	13	0.071	0.042	0.118
Kaiser Foundation Hospital Vacaville	131	12	0.092	0.053	0.153
Kaiser Foundation Hospital Walnut Creek	245	15	0.061	0.037	0.099
Kaiser Foundation Hospital West LA	254	10	0.039	0.022	0.071
Kaiser Foundation Hospital Woodland Hills	160	6	0.038	0.017	0.079
Kaweah Health Medical Center	500	43	0.086	0.064	0.114
Keck Hospital of USC	339	52	0.153	0.119	0.196
Kern Medical Center	104	17	0.163	0.105	0.246
L.A. Downtown Medical Center	12	0	0.000	0.000	0.242
La Palma Intercommunity Hospital	12	0	0.000	0.000	0.242
Lakewood Regional Medical Center	251	29	0.116	0.082	0.161
Loma Linda University Medical Center	598	107	0.179	0.150	0.212
Loma Linda University Medical Center Murrieta	165	6	0.036	0.017	0.077
Lompoc Valley Medical Center	50	1	0.020	0.004	0.105
Los Alamitos Medical Center	416	53	0.127	0.099	0.163
Los Angeles Community Hospital	41	0	0.000	0.000	0.086
Los Angeles County Olive View UCLA Medical Center	113	3	0.027	0.009	0.075
Los Angeles County+USC Medical Center	331	52	0.157	0.122	0.200
Los Angeles County/Harbor UCLA Medical Center	232	21	0.091	0.060	0.134
Los Angeles County/Rancho Los Amigos National Rehab Center	114	1	0.009	0.002	0.048
Los Robles Hospital & Medical Center	361	22	0.061	0.041	0.091
Mad River Community Hospital	9	2	0.222	0.063	0.547
Madera Community Hospital	37	2	0.054	0.015	0.177
Mammoth Hospital	3	1	0.333	0.061	0.792
Marian Regional Medical Center	146	10	0.068	0.038	0.121
Marian Regional Medical Center Arroyo Grande	50	1	0.020	0.004	0.105
MarinHealth Medical Center	233	20	0.086	0.056	0.129
Mark Twain Medical Center	24	1	0.042	0.007	0.202
Marshall Medical Center	109	5	0.046	0.020	0.103
Memorial Hospital Los Banos	40	2	0.050	0.014	0.165
Memorial Hospital of Gardena	110	2	0.018	0.005	0.064
Memorial Medical Center Modesto	348	17	0.049	0.031	0.077
MemorialCare Long Beach Medical Center	557	41	0.074	0.055	0.098
MemorialCare Orange Coast Medical Center	186	9	0.048	0.026	0.089
MemorialCare Saddleback Medical Center	330	26	0.079	0.054	0.113
Menifee Global Medical Center	9	0	0.000	0.000	0.299
Mercy General Hospital	183	13	0.071	0.042	0.118

Hospital	Cases	AE	AER	LCL	UCL
Mercy Hospital Bakersfield	188	8	0.043	0.022	0.082
Mercy Hospital of Folsom	147	4	0.027	0.011	0.068
Mercy Medical Center Merced	191	4	0.021	0.008	0.053
Mercy Medical Center Mt. Shasta	13	3	0.231	0.082	0.503
Mercy Medical Center Redding	430	62	0.144	0.114	0.181
Mercy San Juan Medical Center	886	148	0.167	0.144	0.193
Methodist Hospital of Sacramento	180	13	0.072	0.043	0.120
Mills-Peninsula Medical Center	412	41	0.100	0.074	0.132
Mission Community Hospital Panorama Campus	33	1	0.030	0.005	0.153
Monterey Park Hospital	54	1	0.019	0.003	0.098
Natividad Medical Center	65	6	0.092	0.043	0.187
NorthBay Medical Center	254	26	0.102	0.071	0.146
Northern Inyo Hospital	14	1	0.071	0.013	0.315
Northridge Hospital Medical Center	379	43	0.113	0.085	0.149
Norwalk Community Hospital	12	0	0.000	0.000	0.242
Novato Community Hospital	36	1	0.028	0.005	0.142
O'Connor Hospital	140	5	0.036	0.015	0.081
Oak Valley Hospital District	6	0	0.000	0.000	0.390
Ojai Valley Community Hospital	4	0	0.000	0.000	0.490
Olympia Medical Center	6	0	0.000	0.000	0.390
Orange County Global Medical Center	271	34	0.125	0.091	0.170
Orchard Hospital	3	0	0.000	0.000	0.561
Oroville Hospital	131	6	0.046	0.021	0.096
PIH Health Good Samaritan Hospital	519	60	0.116	0.091	0.146
PIH Health Hospital Downey	179	3	0.017	0.006	0.048
PIH Health Hospital Whittier	698	88	0.126	0.103	0.153
Pacifica Hospital of the Valley	5	0	0.000	0.000	0.434
Palmdale Regional Medical Center	248	14	0.056	0.034	0.093
Palomar Health Downtown Campus	277	34	0.123	0.089	0.167
Palomar Medical Center	250	30	0.120	0.085	0.166
Palomar Medical Center Poway	64	5	0.078	0.034	0.170
Paradise Valley Hospital	82	11	0.134	0.077	0.224
Petaluma Valley Hospital	55	1	0.018	0.003	0.096
Pioneers Memorial Healthcare District	83	4	0.048	0.019	0.117
Placentia Linda Hospital	51	6	0.118	0.055	0.234
Plumas District Hospital	4	1	0.250	0.046	0.699
Pomona Valley Hospital Medical Center	758	100	0.132	0.110	0.158
Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center	350	38	0.109	0.080	0.146
Providence Cedars Sinai Tarzana Medical Center	165	12	0.073	0.042	0.123
Providence Holy Cross Medical Center	409	51	0.125	0.096	0.160

Hospital	Cases	AE	AER	LCL	UCL
Providence Little Company of Mary Medical Center San Pedro	49	0	0.000	0.000	0.073
Providence Little Company of Mary Medical Center Torrance	614	58	0.094	0.074	0.120
Providence Mission Hospital	407	35	0.086	0.062	0.117
Providence Mission Hospital Laguna Beach	9	1	0.111	0.020	0.435
Providence Queen of the Valley Medical Center	177	18	0.102	0.065	0.155
Providence Redwood Memorial Hospital	6	2	0.333	0.097	0.700
Providence Saint John's Health Center	292	32	0.110	0.079	0.151
Providence Saint Joseph Medical Center	501	62	0.124	0.098	0.155
Providence Santa Rosa Memorial Hospital Montgomery	285	38	0.133	0.099	0.178
Providence St. Joseph Hospital	387	36	0.093	0.068	0.126
Providence St. Joseph Hospital Eureka	110	13	0.118	0.070	0.192
Providence St. Jude Medical Center	590	54	0.092	0.071	0.118
Redlands Community Hospital	217	24	0.111	0.075	0.159
Regional Medical Center of San Jose	648	53	0.082	0.063	0.105
Ridgecrest Regional Hospital	21	0	0.000	0.000	0.155
Riverside Community Hospital	878	61	0.069	0.054	0.088
Riverside University Health System Medical Center	345	30	0.087	0.062	0.121
Ronald Reagan UCLA Medical Center	398	27	0.068	0.047	0.097
Saint Agnes Medical Center	330	19	0.058	0.037	0.088
Saint Francis Memorial Hospital	56	7	0.125	0.062	0.236
Salinas Valley Health Medical Center	278	24	0.086	0.059	0.125
San Antonio Regional Hospital	444	32	0.072	0.052	0.100
San Dimas Community Hospital	23	1	0.043	0.008	0.210
San Gabriel Valley Medical Center	116	2	0.017	0.005	0.061
San Geronio Memorial Hospital	16	0	0.000	0.000	0.194
San Joaquin General Hospital	139	19	0.137	0.089	0.204
San Joaquin Valley Rehab Hospital	5	0	0.000	0.000	0.434
San Mateo Medical Center	33	0	0.000	0.000	0.104
San Ramon Regional Medical Center	91	3	0.033	0.011	0.092
Santa Barbara Cottage Hospital	487	48	0.099	0.075	0.128
Santa Clara Valley Medical Center	311	19	0.061	0.039	0.093
Santa Monica UCLA Medical Center and Orthopaedic Hospital	92	2	0.022	0.006	0.076
Santa Ynez Valley Cottage Hospital	5	1	0.200	0.036	0.624
Scripps Green Hospital	73	7	0.096	0.047	0.185
Scripps Memorial Hospital Encinitas	259	16	0.062	0.038	0.098
Scripps Memorial Hospital La Jolla	556	48	0.086	0.066	0.113
Scripps Mercy Hospital	582	38	0.065	0.048	0.088
Sequoia Hospital	80	3	0.038	0.013	0.105
Sharp Chula Vista Medical Center	406	48	0.118	0.090	0.153

Hospital	Cases	AE	AER	LCL	UCL
Sharp Coronado Hospital and Healthcare Center	40	1	0.025	0.004	0.129
Sharp Memorial Hospital	499	40	0.080	0.059	0.107
Shasta Regional Medical Center	126	5	0.040	0.017	0.090
Sherman Oaks Hospital	40	1	0.025	0.004	0.129
Sierra Nevada Memorial Hospital	97	3	0.031	0.011	0.087
Sierra View Medical Center	106	4	0.038	0.015	0.093
Sonoma Specialty Hospital	3	0	0.000	0.000	0.561
Sonoma Valley Hospital	28	0	0.000	0.000	0.121
South Coast Global Medical Center	13	0	0.000	0.000	0.228
Southern California Hospital at Culver City	99	2	0.020	0.006	0.071
Southern California Hospital at Hollywood	18	2	0.111	0.031	0.328
Southwest Healthcare System Murrieta	427	40	0.094	0.070	0.125
St. Bernardine Medical Center	368	36	0.098	0.072	0.132
St. Elizabeth Community Hospital	69	4	0.058	0.023	0.140
St. Francis Medical Center	271	13	0.048	0.028	0.080
St. John's Hospital Camarillo	69	6	0.087	0.040	0.177
St. John's Regional Medical Center	391	51	0.130	0.101	0.167
St. Joseph's Medical Center of Stockton	349	17	0.049	0.031	0.077
St. Louise Regional Hospital	61	0	0.000	0.000	0.059
St. Mary Medical Center Apple Valley	297	8	0.027	0.014	0.052
St. Mary Medical Center Long Beach	274	25	0.091	0.063	0.131
St. Mary's Medical Center	73	3	0.041	0.014	0.114
St. Rose Hospital	36	4	0.111	0.044	0.253
Stanford Health Care	688	74	0.108	0.087	0.133
Stanford Health Care Tri-Valley	129	16	0.124	0.078	0.192
Sutter Amador Hospital	55	1	0.018	0.003	0.096
Sutter Auburn Faith Hospital	73	3	0.041	0.014	0.114
Sutter Coast Hospital	22	3	0.136	0.047	0.333
Sutter Davis Hospital	69	0	0.000	0.000	0.053
Sutter Delta Medical Center	64	2	0.031	0.009	0.107
Sutter Lakeside Hospital	4	0	0.000	0.000	0.490
Sutter Medical Center Sacramento	486	40	0.082	0.061	0.110
Sutter Roseville Medical Center	567	41	0.072	0.054	0.097
Sutter Santa Rosa Regional Hospital	107	1	0.009	0.002	0.051
Sutter Solano Medical Center	93	3	0.032	0.011	0.091
Sutter Tracy Community Hospital	77	6	0.078	0.036	0.160
Temecula Valley Hospital	319	31	0.097	0.069	0.135
Tenet Health Central Coast Sierra Vista Regional Medical Center	133	22	0.165	0.112	0.238
Tenet Health Central Coast Twin Cities Community Hospital	86	5	0.058	0.025	0.129
Torrance Memorial Medical Center	611	54	0.088	0.068	0.114
Tri-City Medical Center	296	33	0.111	0.080	0.152

Hospital	Cases	AE	AER	LCL	UCL
Trinity Hospital	4	0	0.000	0.000	0.490
UC Davis Medical Center	493	53	0.108	0.083	0.138
UC Irvine Medical Center	485	17	0.035	0.022	0.055
UC San Diego Health Hillcrest Hillcrest Medical Center	588	24	0.041	0.028	0.060
UC San Francisco Medical Center	535	60	0.112	0.088	0.142
USC Arcadia Hospital	449	55	0.122	0.095	0.156
USC Verdugo Hills Hospital	80	4	0.050	0.020	0.122
Valley Presbyterian Hospital	121	7	0.058	0.028	0.115
Ventura County Medical Center	96	0	0.000	0.000	0.038
Vibra Rehab Hospital of Rancho Mirage	4	0	0.000	0.000	0.490
Victor Valley Global Medical Center	26	1	0.038	0.007	0.189
Washington Hospital Fremont	250	28	0.112	0.079	0.157
Watsonville Community Hospital	84	3	0.036	0.012	0.100
West Anaheim Medical Center	48	2	0.042	0.012	0.140
West Hills Hospital and Medical Center	205	5	0.024	0.010	0.056
Whittier Hospital Medical Center	51	4	0.078	0.031	0.185
Woodland Memorial Hospital	67	5	0.075	0.032	0.163

5.4.5 Summary

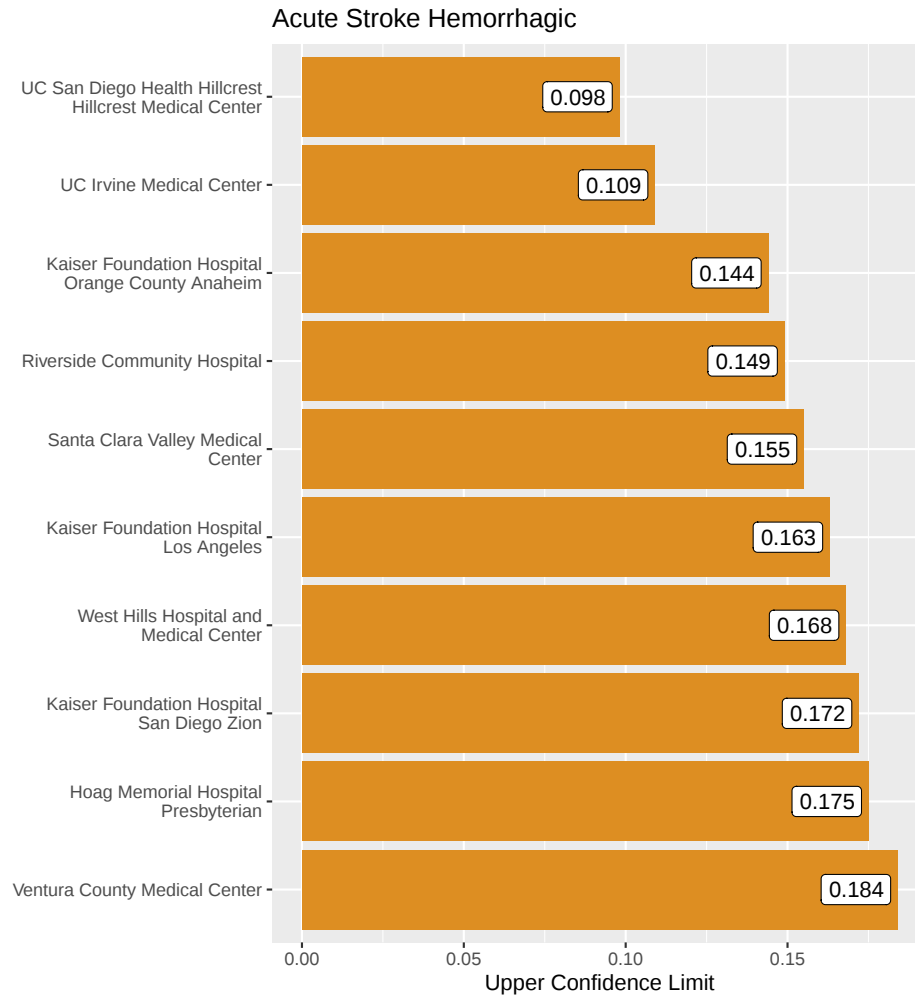
Table 5.12: Acute Stroke

Hospitals	Cases.tot	AE.tot	AER.avg	AER.se	UCL.avg	UCL.se
296	62287	5283	0.067	0.003	0.164	0.007

- **Cases.tot:** The total number of cases
- **AE.tot:** The total number of adverse events
- **AER.avg:** The average or arithmetic mean of the Adverse Event Rate for all hospitals.
 - Note: AER.avg is the average of the individual hospital AER values.
 - The Acute Stroke AER rate for all hospitals is $AE.tot/Cases.tot$ and is equal to 0.085.
- **AER.se:** The AER.avg standard error.
- **UCL.avg:** The average or arithmetic mean of the Upper Confidence Limit (UCL) for all hospitals.
 - The UCL is important to compare the relative performance of hospitals reporting zero Adverse Events.
- **UCL.se:** The UCL.avg standard error

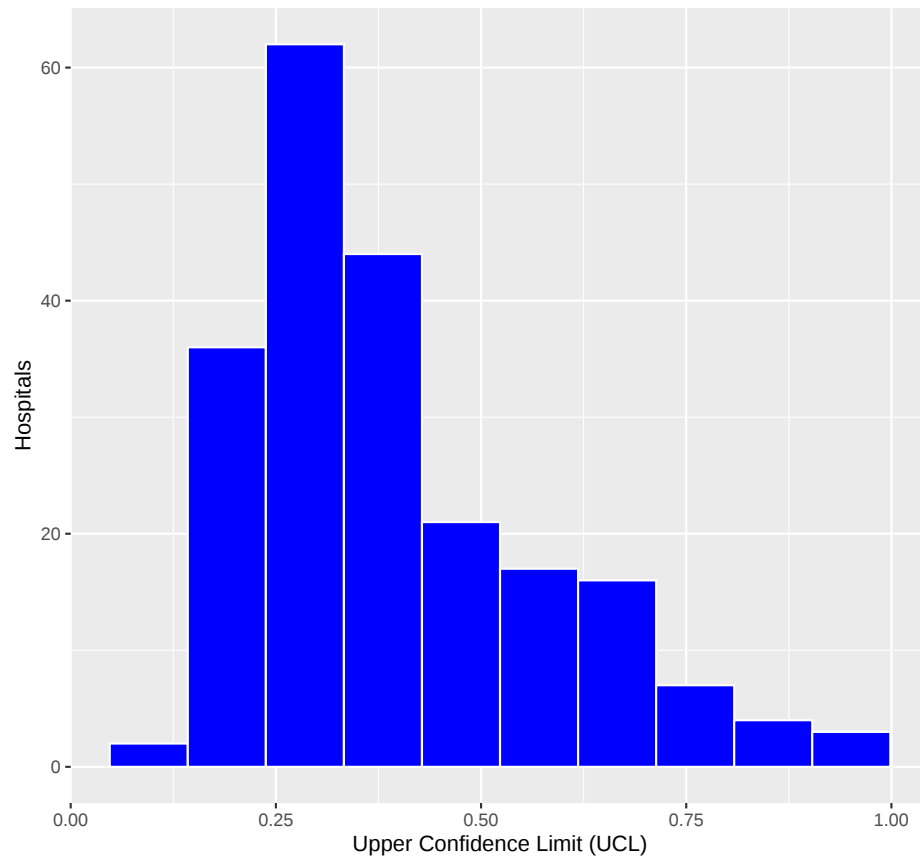
5.5 Acute Stroke Hemorrhagic

5.5.1 Ten Lowest Upper Confidence Limits (UCL) bar chart



5.5.2 Upper Confidence Limit (UCL) Histogram

Acute Stroke Hemorrhagic
212 hospitals reporting



5.5.3 Upper Confidence Limit (UCL) Listing

Hospitals listed in UCL ascending order:

Table 5.13: Acute Stroke Hemorrhagic

Hospital	Cases	AE	AER	LCL	UCL
UC San Diego Health Hillcrest Hillcrest Medical Center	143	7	0.049	0.024	0.098
UC Irvine Medical Center	140	8	0.057	0.029	0.109
Kaiser Foundation Hospital Orange County Anaheim	122	10	0.082	0.045	0.144
Riverside Community Hospital	193	19	0.098	0.064	0.149
Santa Clara Valley Medical Center	88	7	0.080	0.039	0.155
Kaiser Foundation Hospital Los Angeles	175	19	0.109	0.071	0.163
West Hills Hospital and Medical Center	48	3	0.062	0.021	0.168
Kaiser Foundation Hospital San Diego Zion	109	11	0.101	0.057	0.172
Hoag Memorial Hospital Presbyterian	121	13	0.107	0.064	0.175
Ventura County Medical Center	17	0	0.000	0.000	0.184
Kaiser Foundation Hospital Baldwin Park	26	1	0.038	0.007	0.189
Providence Queen of the Valley Medical Center	26	1	0.038	0.007	0.189
Stanford Health Care	166	22	0.133	0.089	0.193
Kaiser Foundation Hospital Downey	41	3	0.073	0.025	0.194
Alta Bates Summit Medical Center Alta Bates Campus	101	12	0.119	0.069	0.196
Loma Linda University Medical Center Murrieta	33	2	0.061	0.017	0.196
Eisenhower Medical Center	87	10	0.115	0.064	0.199
Adventist Health White Memorial	32	2	0.062	0.017	0.201
Ronald Reagan UCLA Medical Center	117	15	0.128	0.079	0.201
Community Memorial Hospital San Buenaventura	39	3	0.077	0.027	0.203
Kaiser Foundation Hospital West LA	31	2	0.065	0.018	0.207
Kaiser Foundation Hospital Sacramento	162	24	0.148	0.102	0.211
Kaiser Foundation Hospital Fontana	183	28	0.153	0.108	0.212
Regional Medical Center of San Jose	160	24	0.150	0.103	0.213
MemorialCare Long Beach Medical Center	119	17	0.143	0.091	0.217
Kaiser Foundation Hospital San Leandro	60	7	0.117	0.058	0.222
Kaiser Foundation Hospital Santa Clara	54	6	0.111	0.052	0.222
UC San Francisco Medical Center	169	27	0.160	0.112	0.222
Hollywood Presbyterian Medical Center	35	3	0.086	0.030	0.224
Providence St. Joseph Hospital	104	15	0.144	0.089	0.224
California Pacific Medical Center Davies Campus Hospital	91	13	0.143	0.085	0.229
Mercy General Hospital	46	5	0.109	0.047	0.230
Mercy Hospital Bakersfield	34	3	0.088	0.030	0.230
Cedars Sinai Medical Center	152	25	0.164	0.114	0.232

Hospital	Cases	AE	AER	LCL	UCL
Providence St. Jude Medical Center	121	19	0.157	0.103	0.232
Kaiser Foundation Hospital Redwood City	200	35	0.175	0.129	0.234
Kaiser Foundation Hospital Vacaville	45	5	0.111	0.048	0.235
Sutter Medical Center Sacramento	94	14	0.149	0.091	0.235
Scripps Mercy Hospital	103	16	0.155	0.098	0.238
St. Mary Medical Center Long Beach	61	8	0.131	0.068	0.238
Good Samaritan Hospital San Jose	82	12	0.146	0.086	0.239
Temecula Valley Hospital	60	8	0.133	0.069	0.242
Kaiser Foundation Hospital San Rafael	31	3	0.097	0.033	0.249
Community Regional Medical Center Fresno	341	70	0.205	0.166	0.251
Kaiser Foundation Hospital Fresno	52	7	0.135	0.067	0.253
Kaiser Foundation Hospital San Francisco	36	4	0.111	0.044	0.253
Kaweah Health Medical Center	101	17	0.168	0.108	0.253
Memorial Medical Center Modesto	62	9	0.145	0.078	0.253
Northridge Hospital Medical Center	96	16	0.167	0.105	0.254
San Gabriel Valley Medical Center	11	0	0.000	0.000	0.259
Kaiser Foundation Hospital Fremont	35	4	0.114	0.045	0.260
Providence Little Company of Mary Medical Center Torrance	139	26	0.187	0.131	0.260
Sutter Roseville Medical Center	106	19	0.179	0.118	0.263
Keck Hospital of USC	147	29	0.197	0.141	0.269
MemorialCare Saddleback Medical Center	58	9	0.155	0.084	0.269
UC Davis Medical Center	151	30	0.199	0.143	0.269
Garfield Medical Center	67	11	0.164	0.094	0.271
Scripps Memorial Hospital La Jolla	97	18	0.186	0.121	0.274
Adventist Health Glendale	95	18	0.189	0.123	0.280
Bakersfield Memorial Hospital	73	13	0.178	0.107	0.281
Kaiser Foundation Hospital Woodland Hills	16	1	0.062	0.011	0.283
Providence Holy Cross Medical Center	94	18	0.191	0.125	0.283
Mercy San Juan Medical Center	299	70	0.234	0.190	0.285
Kaiser Foundation Hospital San Jose	36	5	0.139	0.061	0.287
Mills-Peninsula Medical Center	67	12	0.179	0.106	0.287
Huntington Hospital	83	16	0.193	0.122	0.290
Kaiser Foundation Hospital South Sacramento	66	12	0.182	0.107	0.291
St. John's Regional Medical Center	91	18	0.198	0.129	0.291
Marian Regional Medical Center	35	5	0.143	0.063	0.294
Palmdale Regional Medical Center	48	8	0.167	0.087	0.296
San Mateo Medical Center	9	0	0.000	0.000	0.299
Glendale Memorial Hospital and Health Center	25	3	0.120	0.042	0.300
St. Francis Medical Center	47	8	0.170	0.089	0.301
Centinela Hospital Medical Center	55	10	0.182	0.102	0.303
San Antonio Regional Hospital	79	16	0.203	0.129	0.304
Adventist Health Bakersfield	94	20	0.213	0.142	0.306
MemorialCare Orange Coast Medical Center	29	4	0.138	0.055	0.306

Hospital	Cases	AE	AER	LCL	UCL
Antelope Valley Hospital	74	15	0.203	0.127	0.308
St. Bernardine Medical Center	89	19	0.213	0.141	0.310
Kaiser Foundation Hospital Manteca	37	6	0.162	0.077	0.311
Santa Barbara Cottage Hospital	92	20	0.217	0.145	0.312
Dominican Hospital	45	8	0.178	0.093	0.313
Kaiser Foundation Hospital Oakland/Richmond	95	21	0.221	0.149	0.314
Lakewood Regional Medical Center	49	9	0.184	0.100	0.314
AHMC Seton Medical Center	28	4	0.143	0.057	0.315
Loma Linda University Medical Center	182	45	0.247	0.190	0.315
Los Robles Hospital & Medical Center	76	16	0.211	0.134	0.315
Torrance Memorial Medical Center	106	24	0.226	0.157	0.315
Valley Presbyterian Hospital	14	1	0.071	0.013	0.315
Beverly Hospital	32	5	0.156	0.069	0.318
Arrowhead Regional Medical Center	101	23	0.228	0.157	0.319
Los Angeles County/Harbor UCLA Medical Center	40	7	0.175	0.087	0.319
Doctors Medical Center	193	49	0.254	0.198	0.320
Emanate Health Queen of the Valley Hospital	77	17	0.221	0.143	0.325
Kaiser Foundation Hospital South Bay	27	4	0.148	0.059	0.325
Kaiser Foundation Hospital Panorama City	18	2	0.111	0.031	0.328
Fountain Valley Regional Hospital & Medical Center Euclid	94	22	0.234	0.160	0.329
Southwest Healthcare System Murrieta	115	28	0.243	0.174	0.329
Providence Mission Hospital	83	19	0.229	0.152	0.330
Kaiser Foundation Hospital Walnut Creek	46	9	0.196	0.107	0.332
City of Hope Helford Clinical Research Hospital	13	1	0.077	0.014	0.333
PIH Health Good Samaritan Hospital	116	29	0.250	0.180	0.336
Community Hospital of the Monterey Peninsula	37	7	0.189	0.095	0.342
Kaiser Foundation Hospital Santa Rosa	37	7	0.189	0.095	0.342
Desert Regional Medical Center	121	32	0.264	0.194	0.349
Kaiser Foundation Hospital South San Francisco	36	7	0.194	0.098	0.350
Kaiser Foundation Hospital Roseville	32	6	0.188	0.089	0.353
Southern California Hospital at Culver City	7	0	0.000	0.000	0.354
St. Mary Medical Center Apple Valley	7	0	0.000	0.000	0.354
Providence Saint Joseph Medical Center	103	27	0.262	0.187	0.355
Providence Santa Rosa Memorial Hospital Montgomery	70	17	0.243	0.158	0.355
Grossmont Hospital	115	31	0.270	0.197	0.357
Kaiser Foundation Hospital Antioch	35	7	0.200	0.100	0.359
Orange County Global Medical Center	69	17	0.246	0.160	0.360
Palomar Health Downtown Campus	59	14	0.237	0.147	0.360
Santa Monica UCLA Medical Center and Orthopaedic Hospital	16	2	0.125	0.035	0.360
Sharp Memorial Hospital	85	22	0.259	0.178	0.361

Hospital	Cases	AE	AER	LCL	UCL
Henry Mayo Newhall Hospital	45	10	0.222	0.125	0.363
Los Angeles County+USC Medical Center	100	27	0.270	0.193	0.364
Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center	67	17	0.254	0.165	0.369
Providence Saint John's Health Center	54	13	0.241	0.146	0.369
Providence Cedars Sinai Tarzana Medical Center	30	6	0.200	0.095	0.373
USC Arcadia Hospital	100	28	0.280	0.201	0.375
Eden Medical Center	93	26	0.280	0.199	0.378
MarinHealth Medical Center	46	11	0.239	0.139	0.379
Pomona Valley Hospital Medical Center	149	45	0.302	0.234	0.380
Mercy Medical Center Redding	80	22	0.275	0.189	0.381
Riverside University Health System Medical Center	77	21	0.273	0.186	0.381
California Hospital Medical Center Los Angeles	29	6	0.207	0.098	0.384
Scripps Memorial Hospital Encinitas	42	10	0.238	0.135	0.385
PIH Health Hospital Whittier	137	42	0.307	0.236	0.388
Alhambra Hospital Medical Center	6	0	0.000	0.000	0.390
California Pacific Medical Center Mission Bernal Campus	6	0	0.000	0.000	0.390
Sharp Chula Vista Medical Center	72	20	0.278	0.188	0.390
Methodist Hospital of Sacramento	14	2	0.143	0.040	0.399
NorthBay Medical Center	34	8	0.235	0.124	0.400
Enloe Medical Center? Esplanade	55	15	0.273	0.173	0.402
Los Angeles County Olive View UCLA Medical Center	10	1	0.100	0.018	0.404
Kaiser Foundation Hospital Riverside	24	5	0.208	0.092	0.405
El Camino Health	77	23	0.299	0.208	0.408
John Muir Medical Center Walnut Creek Campus	165	56	0.339	0.272	0.415
Palomar Medical Center	55	16	0.291	0.188	0.421
Redlands Community Hospital	35	9	0.257	0.142	0.421
Los Alamitos Medical Center	90	29	0.322	0.235	0.424
Menifee Global Medical Center	5	0	0.000	0.000	0.434
O'Connor Hospital	22	5	0.227	0.101	0.434
Sutter Solano Medical Center	5	0	0.000	0.000	0.434
Sequoia Hospital	9	1	0.111	0.020	0.435
Tenet Health Central Coast Sierra Vista Regional Medical Center	52	16	0.308	0.199	0.443
Washington Hospital Fremont	49	15	0.306	0.195	0.445
Providence St. Joseph Hospital Eureka	12	2	0.167	0.047	0.448
Pioneers Memorial Healthcare District	18	4	0.222	0.090	0.452
Salinas Valley Health Medical Center	50	16	0.320	0.208	0.458
San Joaquin General Hospital	37	11	0.297	0.175	0.458
Highland Hospital	42	13	0.310	0.191	0.460

Hospital	Cases	AE	AER	LCL	UCL
Kaiser Foundation Hospital & Rehab Center Vallejo	34	10	0.294	0.168	0.462
California Pacific Medical Center Van Ness Campus	31	9	0.290	0.161	0.466
Los Angeles County/Rancho Los Amigos National Rehab Center	8	1	0.125	0.022	0.471
Paradise Valley Hospital	25	7	0.280	0.143	0.476
Adventist Health Simi Valley	19	5	0.263	0.118	0.488
Novato Community Hospital	4	0	0.000	0.000	0.490
San Joaquin Valley Rehab Hospital	4	0	0.000	0.000	0.490
Sutter Santa Rosa Regional Hospital	4	0	0.000	0.000	0.490
Scripps Green Hospital	16	4	0.250	0.102	0.495
Mercy Hospital of Folsom	7	1	0.143	0.026	0.513
Tri-City Medical Center	45	17	0.378	0.251	0.524
Alvarado Hospital Medical Center	12	3	0.250	0.089	0.532
Saint Francis Memorial Hospital	19	6	0.316	0.154	0.540
Adventist Health St. Helena	3	0	0.000	0.000	0.561
Adventist Health Tulare	3	0	0.000	0.000	0.561
Doctors Hospital of Manteca	3	0	0.000	0.000	0.561
Doctors Hospital of Riverside	3	0	0.000	0.000	0.561
Fairchild Medical Center	3	0	0.000	0.000	0.561
Foothill Regional Medical Center	3	0	0.000	0.000	0.561
L.A. Downtown Medical Center	3	0	0.000	0.000	0.561
Alameda Hospital	6	1	0.167	0.030	0.564
Marian Regional Medical Center Arroyo Grande	6	1	0.167	0.030	0.564
Mission Community Hospital Panorama Campus	6	1	0.167	0.030	0.564
Oroville Hospital	6	1	0.167	0.030	0.564
Sherman Oaks Hospital	6	1	0.167	0.030	0.564
St. Joseph's Medical Center of Stockton	15	5	0.333	0.152	0.583
Stanford Health Care Tri-Valley	17	6	0.353	0.173	0.587
Kaiser Foundation Hospital Moreno Valley	5	1	0.200	0.036	0.624
Monterey Park Hospital	5	1	0.200	0.036	0.624
Shasta Regional Medical Center	7	2	0.286	0.082	0.641
St. Mary's Medical Center	7	2	0.286	0.082	0.641
Clovis Community Medical Center	9	3	0.333	0.121	0.646
Saint Agnes Medical Center	16	7	0.438	0.231	0.668
Lompoc Valley Medical Center	4	1	0.250	0.046	0.699
Madera Community Hospital	4	1	0.250	0.046	0.699
Mercy Medical Center Merced	4	1	0.250	0.046	0.699
PIH Health Hospital Downey	4	1	0.250	0.046	0.699
Sierra Nevada Memorial Hospital	4	1	0.250	0.046	0.699
Sutter Tracy Community Hospital	4	1	0.250	0.046	0.699
Watsonville Community Hospital	4	1	0.250	0.046	0.699
Emanate Health Inter Community Hospital	6	2	0.333	0.097	0.700

Hospital	Cases	AE	AER	LCL	UCL
Kern Medical Center	23	12	0.522	0.330	0.708
Natividad Medical Center	13	6	0.462	0.232	0.709
Adventist Health and Rideout	7	3	0.429	0.158	0.750
El Centro Regional Medical Center	5	2	0.400	0.118	0.769
Marshall Medical Center	5	2	0.400	0.118	0.769
San Ramon Regional Medical Center	5	2	0.400	0.118	0.769
Cedars Sinai Marina Del Rey Hospital	3	1	0.333	0.061	0.792
Contra Costa Regional Medical Center	3	1	0.333	0.061	0.792
Emanate Health Foothill Presbyterian Hospital	3	1	0.333	0.061	0.792
John Muir Medical Center Concord Campus	7	4	0.571	0.250	0.842
Corona Regional Medical Center Main	4	2	0.500	0.150	0.850
USC Verdugo Hills Hospital	4	2	0.500	0.150	0.850
St. John's Hospital Camarillo	6	4	0.667	0.300	0.903
Hazel Hawkins Memorial Hospital	3	2	0.667	0.208	0.939
Alta Bates Summit Medical Center	4	3	0.750	0.301	0.954
Palomar Medical Center Poway	4	3	0.750	0.301	0.954

5.5.4 Hospital Data Table

Table 5.14: Acute Stroke Hemorrhagic

Hospital	Cases	AE	AER	LCL	UCL
AHMC Seton Medical Center	28	4	0.143	0.057	0.315
Adventist Health Bakersfield	94	20	0.213	0.142	0.306
Adventist Health Glendale	95	18	0.189	0.123	0.280
Adventist Health Simi Valley	19	5	0.263	0.118	0.488
Adventist Health St. Helena	3	0	0.000	0.000	0.561
Adventist Health Tulare	3	0	0.000	0.000	0.561
Adventist Health White Memorial	32	2	0.062	0.017	0.201
Adventist Health and Rideout	7	3	0.429	0.158	0.750
Alameda Hospital	6	1	0.167	0.030	0.564
Alhambra Hospital Medical Center	6	0	0.000	0.000	0.390
Alta Bates Summit Medical Center	4	3	0.750	0.301	0.954
Alta Bates Summit Medical Center Alta Bates Campus	101	12	0.119	0.069	0.196
Alvarado Hospital Medical Center	12	3	0.250	0.089	0.532
Antelope Valley Hospital	74	15	0.203	0.127	0.308
Arrowhead Regional Medical Center	101	23	0.228	0.157	0.319
Bakersfield Memorial Hospital	73	13	0.178	0.107	0.281
Beverly Hospital	32	5	0.156	0.069	0.318
California Hospital Medical Center Los Angeles	29	6	0.207	0.098	0.384
California Pacific Medical Center Davies Campus Hospital	91	13	0.143	0.085	0.229
California Pacific Medical Center Mission Bernal Campus	6	0	0.000	0.000	0.390
California Pacific Medical Center Van Ness Campus	31	9	0.290	0.161	0.466
Cedars Sinai Marina Del Rey Hospital	3	1	0.333	0.061	0.792
Cedars Sinai Medical Center	152	25	0.164	0.114	0.232
Centinela Hospital Medical Center	55	10	0.182	0.102	0.303
City of Hope Helford Clinical Research Hospital	13	1	0.077	0.014	0.333
Clovis Community Medical Center	9	3	0.333	0.121	0.646
Community Hospital of the Monterey Peninsula	37	7	0.189	0.095	0.342
Community Memorial Hospital San Buenaventura	39	3	0.077	0.027	0.203
Community Regional Medical Center Fresno	341	70	0.205	0.166	0.251
Contra Costa Regional Medical Center	3	1	0.333	0.061	0.792
Corona Regional Medical Center Main	4	2	0.500	0.150	0.850
Desert Regional Medical Center	121	32	0.264	0.194	0.349
Doctors Hospital of Manteca	3	0	0.000	0.000	0.561
Doctors Hospital of Riverside	3	0	0.000	0.000	0.561
Doctors Medical Center	193	49	0.254	0.198	0.320

Hospital	Cases	AE	AER	LCL	UCL
Dominican Hospital	45	8	0.178	0.093	0.313
Eden Medical Center	93	26	0.280	0.199	0.378
Eisenhower Medical Center	87	10	0.115	0.064	0.199
El Camino Health	77	23	0.299	0.208	0.408
El Centro Regional Medical Center	5	2	0.400	0.118	0.769
Emanate Health Foothill Presbyterian Hospital	3	1	0.333	0.061	0.792
Emanate Health Inter Community Hospital	6	2	0.333	0.097	0.700
Emanate Health Queen of the Valley Hospital	77	17	0.221	0.143	0.325
Enloe Medical Center? Esplanade	55	15	0.273	0.173	0.402
Fairchild Medical Center	3	0	0.000	0.000	0.561
Foothill Regional Medical Center	3	0	0.000	0.000	0.561
Fountain Valley Regional Hospital & Medical Center Euclid	94	22	0.234	0.160	0.329
Garfield Medical Center	67	11	0.164	0.094	0.271
Glendale Memorial Hospital and Health Center	25	3	0.120	0.042	0.300
Good Samaritan Hospital San Jose	82	12	0.146	0.086	0.239
Grossmont Hospital	115	31	0.270	0.197	0.357
Hazel Hawkins Memorial Hospital	3	2	0.667	0.208	0.939
Henry Mayo Newhall Hospital	45	10	0.222	0.125	0.363
Highland Hospital	42	13	0.310	0.191	0.460
Hoag Memorial Hospital Presbyterian	121	13	0.107	0.064	0.175
Hollywood Presbyterian Medical Center	35	3	0.086	0.030	0.224
Huntington Hospital	83	16	0.193	0.122	0.290
John Muir Medical Center Concord Campus	7	4	0.571	0.250	0.842
John Muir Medical Center Walnut Creek Campus	165	56	0.339	0.272	0.415
Kaiser Foundation Hospital & Rehab Center Vallejo	34	10	0.294	0.168	0.462
Kaiser Foundation Hospital Antioch	35	7	0.200	0.100	0.359
Kaiser Foundation Hospital Baldwin Park	26	1	0.038	0.007	0.189
Kaiser Foundation Hospital Downey	41	3	0.073	0.025	0.194
Kaiser Foundation Hospital Fontana	183	28	0.153	0.108	0.212
Kaiser Foundation Hospital Fremont	35	4	0.114	0.045	0.260
Kaiser Foundation Hospital Fresno	52	7	0.135	0.067	0.253
Kaiser Foundation Hospital Los Angeles	175	19	0.109	0.071	0.163
Kaiser Foundation Hospital Manteca	37	6	0.162	0.077	0.311
Kaiser Foundation Hospital Moreno Valley	5	1	0.200	0.036	0.624
Kaiser Foundation Hospital Oakland/Richmond	95	21	0.221	0.149	0.314
Kaiser Foundation Hospital Orange County Anaheim	122	10	0.082	0.045	0.144
Kaiser Foundation Hospital Panorama City	18	2	0.111	0.031	0.328
Kaiser Foundation Hospital Redwood City	200	35	0.175	0.129	0.234
Kaiser Foundation Hospital Riverside	24	5	0.208	0.092	0.405
Kaiser Foundation Hospital Roseville	32	6	0.188	0.089	0.353

Hospital	Cases	AE	AER	LCL	UCL
Kaiser Foundation Hospital Sacramento	162	24	0.148	0.102	0.211
Kaiser Foundation Hospital San Diego Zion	109	11	0.101	0.057	0.172
Kaiser Foundation Hospital San Francisco	36	4	0.111	0.044	0.253
Kaiser Foundation Hospital San Jose	36	5	0.139	0.061	0.287
Kaiser Foundation Hospital San Leandro	60	7	0.117	0.058	0.222
Kaiser Foundation Hospital San Rafael	31	3	0.097	0.033	0.249
Kaiser Foundation Hospital Santa Clara	54	6	0.111	0.052	0.222
Kaiser Foundation Hospital Santa Rosa	37	7	0.189	0.095	0.342
Kaiser Foundation Hospital South Bay	27	4	0.148	0.059	0.325
Kaiser Foundation Hospital South Sacramento	66	12	0.182	0.107	0.291
Kaiser Foundation Hospital South San Francisco	36	7	0.194	0.098	0.350
Kaiser Foundation Hospital Vacaville	45	5	0.111	0.048	0.235
Kaiser Foundation Hospital Walnut Creek	46	9	0.196	0.107	0.332
Kaiser Foundation Hospital West LA	31	2	0.065	0.018	0.207
Kaiser Foundation Hospital Woodland Hills	16	1	0.062	0.011	0.283
Kaweah Health Medical Center	101	17	0.168	0.108	0.253
Keck Hospital of USC	147	29	0.197	0.141	0.269
Kern Medical Center	23	12	0.522	0.330	0.708
L.A. Downtown Medical Center	3	0	0.000	0.000	0.561
Lakewood Regional Medical Center	49	9	0.184	0.100	0.314
Loma Linda University Medical Center	182	45	0.247	0.190	0.315
Loma Linda University Medical Center Murrieta	33	2	0.061	0.017	0.196
Lompoc Valley Medical Center	4	1	0.250	0.046	0.699
Los Alamitos Medical Center	90	29	0.322	0.235	0.424
Los Angeles County Olive View UCLA Medical Center	10	1	0.100	0.018	0.404
Los Angeles County+USC Medical Center	100	27	0.270	0.193	0.364
Los Angeles County/Harbor UCLA Medical Center	40	7	0.175	0.087	0.319
Los Angeles County/Rancho Los Amigos National Rehab Center	8	1	0.125	0.022	0.471
Los Robles Hospital & Medical Center	76	16	0.211	0.134	0.315
Madera Community Hospital	4	1	0.250	0.046	0.699
Marian Regional Medical Center	35	5	0.143	0.063	0.294
Marian Regional Medical Center Arroyo Grande	6	1	0.167	0.030	0.564
MarinHealth Medical Center	46	11	0.239	0.139	0.379
Marshall Medical Center	5	2	0.400	0.118	0.769
Memorial Medical Center Modesto	62	9	0.145	0.078	0.253
MemorialCare Long Beach Medical Center	119	17	0.143	0.091	0.217
MemorialCare Orange Coast Medical Center	29	4	0.138	0.055	0.306
MemorialCare Saddleback Medical Center	58	9	0.155	0.084	0.269
Menifee Global Medical Center	5	0	0.000	0.000	0.434
Mercy General Hospital	46	5	0.109	0.047	0.230
Mercy Hospital Bakersfield	34	3	0.088	0.030	0.230

Hospital	Cases	AE	AER	LCL	UCL
Mercy Hospital of Folsom	7	1	0.143	0.026	0.513
Mercy Medical Center Merced	4	1	0.250	0.046	0.699
Mercy Medical Center Redding	80	22	0.275	0.189	0.381
Mercy San Juan Medical Center	299	70	0.234	0.190	0.285
Methodist Hospital of Sacramento	14	2	0.143	0.040	0.399
Mills-Peninsula Medical Center	67	12	0.179	0.106	0.287
Mission Community Hospital Panorama Campus	6	1	0.167	0.030	0.564
Monterey Park Hospital	5	1	0.200	0.036	0.624
Natividad Medical Center	13	6	0.462	0.232	0.709
NorthBay Medical Center	34	8	0.235	0.124	0.400
Northridge Hospital Medical Center	96	16	0.167	0.105	0.254
Novato Community Hospital	4	0	0.000	0.000	0.490
O'Connor Hospital	22	5	0.227	0.101	0.434
Orange County Global Medical Center	69	17	0.246	0.160	0.360
Oroville Hospital	6	1	0.167	0.030	0.564
PIH Health Good Samaritan Hospital	116	29	0.250	0.180	0.336
PIH Health Hospital Downey	4	1	0.250	0.046	0.699
PIH Health Hospital Whittier	137	42	0.307	0.236	0.388
Palmdale Regional Medical Center	48	8	0.167	0.087	0.296
Palomar Health Downtown Campus	59	14	0.237	0.147	0.360
Palomar Medical Center	55	16	0.291	0.188	0.421
Palomar Medical Center Poway	4	3	0.750	0.301	0.954
Paradise Valley Hospital	25	7	0.280	0.143	0.476
Pioneers Memorial Healthcare District	18	4	0.222	0.090	0.452
Pomona Valley Hospital Medical Center	149	45	0.302	0.234	0.380
Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center	67	17	0.254	0.165	0.369
Providence Cedars Sinai Tarzana Medical Center	30	6	0.200	0.095	0.373
Providence Holy Cross Medical Center	94	18	0.191	0.125	0.283
Providence Little Company of Mary Medical Center Torrance	139	26	0.187	0.131	0.260
Providence Mission Hospital	83	19	0.229	0.152	0.330
Providence Queen of the Valley Medical Center	26	1	0.038	0.007	0.189
Providence Saint John's Health Center	54	13	0.241	0.146	0.369
Providence Saint Joseph Medical Center	103	27	0.262	0.187	0.355
Providence Santa Rosa Memorial Hospital Montgomery	70	17	0.243	0.158	0.355
Providence St. Joseph Hospital	104	15	0.144	0.089	0.224
Providence St. Joseph Hospital Eureka	12	2	0.167	0.047	0.448
Providence St. Jude Medical Center	121	19	0.157	0.103	0.232
Redlands Community Hospital	35	9	0.257	0.142	0.421
Regional Medical Center of San Jose	160	24	0.150	0.103	0.213
Riverside Community Hospital	193	19	0.098	0.064	0.149

Hospital	Cases	AE	AER	LCL	UCL
Riverside University Health System Medical Center	77	21	0.273	0.186	0.381
Ronald Reagan UCLA Medical Center	117	15	0.128	0.079	0.201
Saint Agnes Medical Center	16	7	0.438	0.231	0.668
Saint Francis Memorial Hospital	19	6	0.316	0.154	0.540
Salinas Valley Health Medical Center	50	16	0.320	0.208	0.458
San Antonio Regional Hospital	79	16	0.203	0.129	0.304
San Gabriel Valley Medical Center	11	0	0.000	0.000	0.259
San Joaquin General Hospital	37	11	0.297	0.175	0.458
San Joaquin Valley Rehab Hospital	4	0	0.000	0.000	0.490
San Mateo Medical Center	9	0	0.000	0.000	0.299
San Ramon Regional Medical Center	5	2	0.400	0.118	0.769
Santa Barbara Cottage Hospital	92	20	0.217	0.145	0.312
Santa Clara Valley Medical Center	88	7	0.080	0.039	0.155
Santa Monica UCLA Medical Center and Orthopaedic Hospital	16	2	0.125	0.035	0.360
Scripps Green Hospital	16	4	0.250	0.102	0.495
Scripps Memorial Hospital Encinitas	42	10	0.238	0.135	0.385
Scripps Memorial Hospital La Jolla	97	18	0.186	0.121	0.274
Scripps Mercy Hospital	103	16	0.155	0.098	0.238
Sequoia Hospital	9	1	0.111	0.020	0.435
Sharp Chula Vista Medical Center	72	20	0.278	0.188	0.390
Sharp Memorial Hospital	85	22	0.259	0.178	0.361
Shasta Regional Medical Center	7	2	0.286	0.082	0.641
Sherman Oaks Hospital	6	1	0.167	0.030	0.564
Sierra Nevada Memorial Hospital	4	1	0.250	0.046	0.699
Southern California Hospital at Culver City	7	0	0.000	0.000	0.354
Southwest Healthcare System Murrieta	115	28	0.243	0.174	0.329
St. Bernardine Medical Center	89	19	0.213	0.141	0.310
St. Francis Medical Center	47	8	0.170	0.089	0.301
St. John's Hospital Camarillo	6	4	0.667	0.300	0.903
St. John's Regional Medical Center	91	18	0.198	0.129	0.291
St. Joseph's Medical Center of Stockton	15	5	0.333	0.152	0.583
St. Mary Medical Center Apple Valley	7	0	0.000	0.000	0.354
St. Mary Medical Center Long Beach	61	8	0.131	0.068	0.238
St. Mary's Medical Center	7	2	0.286	0.082	0.641
Stanford Health Care	166	22	0.133	0.089	0.193
Stanford Health Care Tri-Valley	17	6	0.353	0.173	0.587
Sutter Medical Center Sacramento	94	14	0.149	0.091	0.235
Sutter Roseville Medical Center	106	19	0.179	0.118	0.263
Sutter Santa Rosa Regional Hospital	4	0	0.000	0.000	0.490
Sutter Solano Medical Center	5	0	0.000	0.000	0.434
Sutter Tracy Community Hospital	4	1	0.250	0.046	0.699
Temecula Valley Hospital	60	8	0.133	0.069	0.242

Hospital	Cases	AE	AER	LCL	UCL
Tenet Health Central Coast Sierra Vista Regional Medical Center	52	16	0.308	0.199	0.443
Torrance Memorial Medical Center	106	24	0.226	0.157	0.315
Tri-City Medical Center	45	17	0.378	0.251	0.524
UC Davis Medical Center	151	30	0.199	0.143	0.269
UC Irvine Medical Center	140	8	0.057	0.029	0.109
UC San Diego Health Hillcrest Hillcrest Medical Center	143	7	0.049	0.024	0.098
UC San Francisco Medical Center	169	27	0.160	0.112	0.222
USC Arcadia Hospital	100	28	0.280	0.201	0.375
USC Verdugo Hills Hospital	4	2	0.500	0.150	0.850
Valley Presbyterian Hospital	14	1	0.071	0.013	0.315
Ventura County Medical Center	17	0	0.000	0.000	0.184
Washington Hospital Fremont	49	15	0.306	0.195	0.445
Watsonville Community Hospital	4	1	0.250	0.046	0.699
West Hills Hospital and Medical Center	48	3	0.062	0.021	0.168

5.5.5 Summary

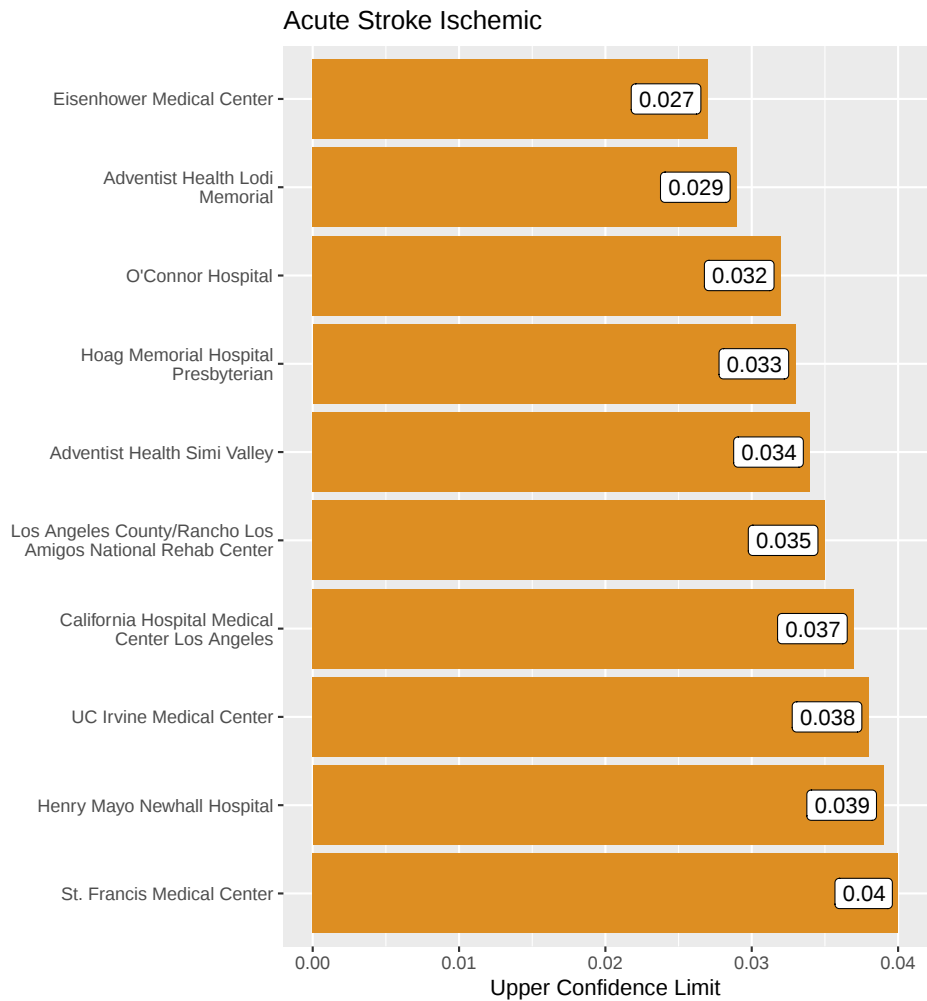
Table 5.15: Acute Stroke Hemorrhagic

Hospitals	Cases.tot	AE.tot	AER.avg	AER.se	UCL.avg	UCL.se
212	12018	2317	0.199	0.009	0.396	0.012

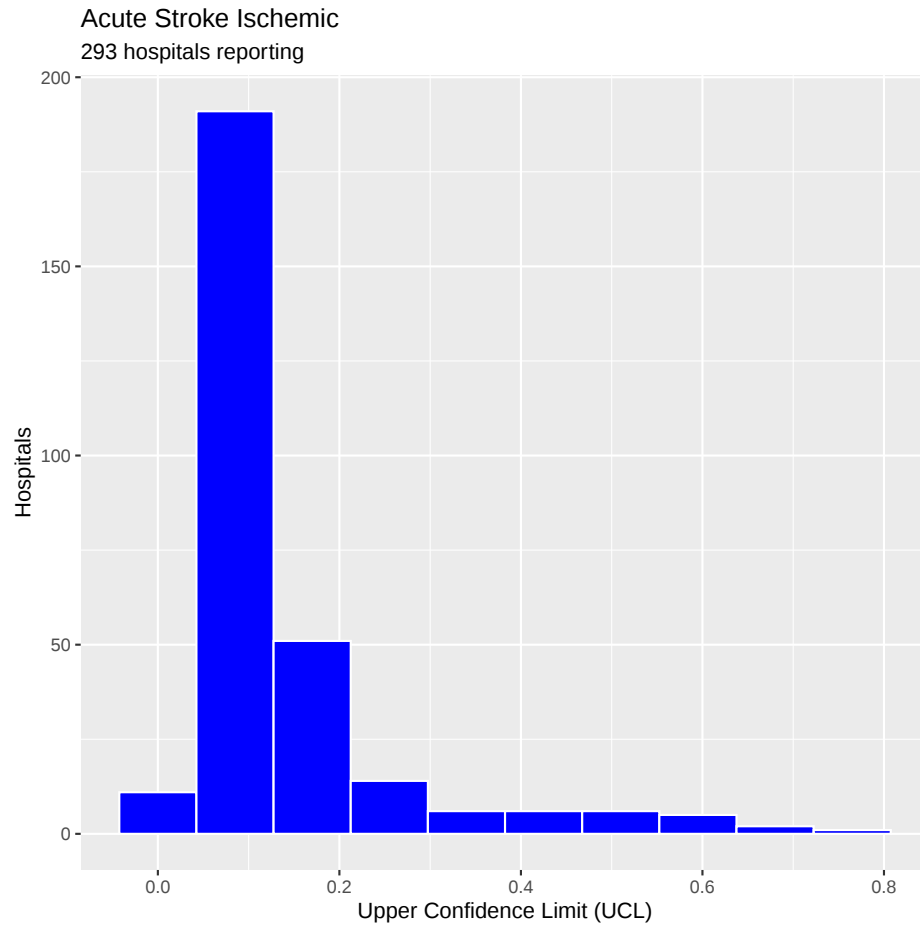
- **Cases.tot:** The total number of cases
- **AE.tot:** The total number of adverse events
- **AER.avg:** The average or arithmetic mean of the Adverse Event Rate for all hospitals.
 - Note: AER.avg is the average of the individual hospital AER values.
 - The Acute Stroke Hemorrhagic AER rate for all hospitals is $AE.tot/Cases.tot$ and is equal to 0.193.
- **AER.se:** The AER.avg standard error.
- **UCL.avg:** The average or arithmetic mean of the Upper Confidence Limit (UCL) for all hospitals.
 - The UCL is important to compare the relative performance of hospitals reporting zero Adverse Events.
- **UCL.se:** The UCL.avg standard error

5.6 Acute Stroke Ischemic

5.6.1 Ten Lowest Upper Confidence Limits (UCL) bar chart



5.6.2 Upper Confidence Limit (UCL) Histogram



5.6.3 Upper Confidence Limit (UCL) Listing

Hospitals listed in UCL ascending order:

Table 5.16: Acute Stroke Ischemic

Hospital	Cases	AE	AER	LCL	UCL
Eisenhower Medical Center	429	5	0.012	0.005	0.027
Adventist Health Lodi Memorial	127	0	0.000	0.000	0.029
O'Connor Hospital	118	0	0.000	0.000	0.032
Hoag Memorial Hospital Presbyterian	549	10	0.018	0.010	0.033
Adventist Health Simi Valley	108	0	0.000	0.000	0.034
Los Angeles County/Rancho Los Amigos National Rehab Center	105	0	0.000	0.000	0.035
California Hospital Medical Center Los Angeles	194	2	0.010	0.003	0.037
UC Irvine Medical Center	307	5	0.016	0.007	0.038
Henry Mayo Newhall Hospital	140	1	0.007	0.001	0.039
St. Francis Medical Center	216	3	0.014	0.005	0.040
PIH Health Hospital Downey	174	2	0.011	0.003	0.041
Kaiser Foundation Hospital San Francisco	167	2	0.012	0.003	0.043
Los Robles Hospital & Medical Center	256	5	0.020	0.008	0.045
Alameda Hospital	80	0	0.000	0.000	0.046
Mercy Medical Center Merced	187	3	0.016	0.005	0.046
Community Memorial Hospital San Buenaventura	208	4	0.019	0.008	0.048
Ventura County Medical Center	77	0	0.000	0.000	0.048
West Hills Hospital and Medical Center	148	2	0.014	0.004	0.048
Santa Monica UCLA Medical Center and Orthopaedic Hospital	75	0	0.000	0.000	0.049
UC San Diego Health Hillcrest Hillcrest Medical Center	397	11	0.028	0.016	0.049
Emanuel Medical Center	109	1	0.009	0.002	0.050
Kaiser Foundation Hospital Orange County Anaheim	309	8	0.026	0.013	0.050
Kaiser Foundation Hospital San Jose	223	5	0.022	0.010	0.051
Memorial Medical Center Modesto	281	7	0.025	0.012	0.051
Mercy Hospital of Folsom	139	2	0.014	0.004	0.051
Palmdale Regional Medical Center	196	4	0.020	0.008	0.051
Kaiser Foundation Hospital Antioch	165	3	0.018	0.006	0.052
Kaiser Foundation Hospital Roseville	320	9	0.028	0.015	0.053
Beverly Hospital	101	1	0.010	0.002	0.054
Scripps Memorial Hospital Encinitas	213	5	0.023	0.010	0.054
Sharp Memorial Hospital	407	13	0.032	0.019	0.054
St. Mary Medical Center Apple Valley	289	8	0.028	0.014	0.054
Sutter Davis Hospital	67	0	0.000	0.000	0.054
Sutter Santa Rosa Regional Hospital	101	1	0.010	0.002	0.054

Hospital	Cases	AE	AER	LCL	UCL
St. Joseph's Medical Center of Stockton	331	10	0.030	0.016	0.055
Clovis Community Medical Center	250	7	0.028	0.014	0.057
Contra Costa Regional Medical Center	63	0	0.000	0.000	0.057
Kaiser Foundation Hospital Oakland/Richmond	361	12	0.033	0.019	0.057
Pioneers Memorial Healthcare District	63	0	0.000	0.000	0.057
Salinas Valley Health Medical Center	223	6	0.027	0.012	0.057
Hollywood Presbyterian Medical Center	147	3	0.020	0.007	0.058
San Antonio Regional Hospital	355	12	0.034	0.019	0.058
Kaiser Foundation Hospital San Diego Zion	309	10	0.032	0.018	0.059
Scripps Mercy Hospital	459	17	0.037	0.023	0.059
St. Louise Regional Hospital	60	0	0.000	0.000	0.060
Doctors Hospital of Riverside	59	0	0.000	0.000	0.061
Glendale Memorial Hospital and Health Center	89	1	0.011	0.002	0.061
Ronald Reagan UCLA Medical Center	254	8	0.031	0.016	0.061
Adventist Health Bakersfield	386	15	0.039	0.024	0.063
Doctors Hospital of Manteca	86	1	0.012	0.002	0.063
John F. Kennedy Memorial Hospital	136	3	0.022	0.008	0.063
Riverside University Health System Medical Center	265	9	0.034	0.018	0.063
San Ramon Regional Medical Center	86	1	0.012	0.002	0.063
Hemet Global Medical Center	56	0	0.000	0.000	0.064
Memorial Hospital of Gardena	109	2	0.018	0.005	0.064
Southwest Healthcare System Murrieta	302	11	0.036	0.020	0.064
Kaiser Foundation Hospital Walnut Creek	196	6	0.031	0.014	0.065
Kaiser Foundation Hospital San Leandro	152	4	0.026	0.010	0.066
Providence Cedars Sinai Tarzana Medical Center	130	3	0.023	0.008	0.066
Saint Agnes Medical Center	313	12	0.038	0.022	0.066
Alta Bates Summit Medical Center	364	15	0.041	0.025	0.067
Loma Linda University Medical Center Murrieta	127	3	0.024	0.008	0.067
Mercy Hospital Bakersfield	148	4	0.027	0.011	0.067
Kaiser Foundation Hospital Downey	266	10	0.038	0.021	0.068
San Gabriel Valley Medical Center	103	2	0.019	0.005	0.068
Sierra View Medical Center	103	2	0.019	0.005	0.068
Torrance Memorial Medical Center	485	22	0.045	0.030	0.068
Bakersfield Memorial Hospital	315	13	0.041	0.024	0.069
Kaiser Foundation Hospital West LA	222	8	0.036	0.018	0.069
Los Angeles County Olive View UCLA Medical Center	101	2	0.020	0.005	0.069
Riverside Community Hospital	624	31	0.050	0.035	0.070
Sutter Roseville Medical Center	454	21	0.046	0.030	0.070
Adventist Health White Memorial	159	5	0.031	0.014	0.071
Cedars Sinai Medical Center	482	23	0.048	0.032	0.071
Natividad Medical Center	50	0	0.000	0.000	0.071
Community Hospital of the Monterey Peninsula	250	10	0.040	0.022	0.072

Hospital	Cases	AE	AER	LCL	UCL
Providence Mission Hospital	301	13	0.043	0.025	0.072
Shasta Regional Medical Center	119	3	0.025	0.009	0.072
Centinela Hospital Medical Center	264	11	0.042	0.023	0.073
Good Samaritan Hospital San Jose	351	16	0.046	0.028	0.073
MemorialCare Long Beach Medical Center	416	20	0.048	0.031	0.073
MemorialCare Orange Coast Medical Center	156	5	0.032	0.014	0.073
Monterey Park Hospital	49	0	0.000	0.000	0.073
Providence Little Company of Mary Medical Center San Pedro	49	0	0.000	0.000	0.073
Providence St. Jude Medical Center	417	20	0.048	0.031	0.073
Kaiser Foundation Hospital South Bay	225	9	0.040	0.021	0.074
MemorialCare Saddleback Medical Center	260	11	0.042	0.024	0.074
Regional Medical Center of San Jose	445	22	0.049	0.033	0.074
Santa Clara Valley Medical Center	209	8	0.038	0.020	0.074
Desert Valley Hospital	72	1	0.014	0.002	0.075
Sierra Nevada Memorial Hospital	93	2	0.022	0.006	0.075
Southern California Hospital at Culver City	92	2	0.022	0.006	0.076
Huntington Hospital	315	15	0.048	0.029	0.077
Kaiser Foundation Hospital Panorama City	90	2	0.022	0.006	0.077
Lompoc Valley Medical Center	46	0	0.000	0.000	0.077
MarinHealth Medical Center	182	7	0.038	0.019	0.077
Grossmont Hospital	569	32	0.056	0.040	0.078
Corona Regional Medical Center Main	160	6	0.038	0.017	0.079
Kaiser Foundation Hospital Baldwin Park	108	3	0.028	0.009	0.079
Cedars Sinai Marina Del Rey Hospital	44	0	0.000	0.000	0.080
Kaiser Foundation Hospital Fontana	395	21	0.053	0.035	0.080
Kaiser Foundation Hospital South San Francisco	141	5	0.035	0.015	0.080
Marian Regional Medical Center Arroyo Grande	44	0	0.000	0.000	0.080
Scripps Memorial Hospital La Jolla	412	22	0.053	0.036	0.080
Kaiser Foundation Hospital Woodland Hills	140	5	0.036	0.015	0.081
Kaweah Health Medical Center	390	21	0.054	0.035	0.081
Marshall Medical Center	104	3	0.029	0.010	0.081
Garfield Medical Center	234	11	0.047	0.026	0.082
Kaiser Foundation Hospital Los Angeles	430	24	0.056	0.038	0.082
Providence Little Company of Mary Medical Center Torrance	445	25	0.056	0.038	0.082
St. Mary's Medical Center	65	1	0.015	0.003	0.082
Adventist Health Glendale	276	14	0.051	0.030	0.083
Antelope Valley Hospital	396	22	0.056	0.037	0.083
Kaiser Foundation Hospital Santa Clara	200	9	0.045	0.024	0.083
Kaiser Foundation Hospital South Sacramento	246	12	0.049	0.028	0.083
Temecula Valley Hospital	233	11	0.047	0.027	0.083
Community Regional Medical Center Fresno	570	35	0.061	0.044	0.084
St. Bernardine Medical Center	273	14	0.051	0.031	0.084

Hospital	Cases	AE	AER	LCL	UCL
Adventist Health and Rideout	257	13	0.051	0.030	0.085
Dominican Hospital	195	9	0.046	0.024	0.085
Providence Saint John's Health Center	225	11	0.049	0.028	0.085
Sutter Delta Medical Center	63	1	0.016	0.003	0.085
Dameron Hospital	62	1	0.016	0.003	0.086
John Muir Medical Center Concord Campus	162	7	0.043	0.021	0.086
Los Angeles Community Hospital	41	0	0.000	0.000	0.086
PIH Health Hospital Whittier	524	33	0.063	0.045	0.087
Pomona Valley Hospital Medical Center	554	35	0.063	0.046	0.087
Watsonville Community Hospital	80	2	0.025	0.007	0.087
AHMC Seton Medical Center	96	3	0.031	0.011	0.088
Eden Medical Center	303	17	0.056	0.035	0.088
Sutter Medical Center Sacramento	373	22	0.059	0.039	0.088
Emanate Health Foothill Presbyterian Hospital	60	1	0.017	0.003	0.089
UC Davis Medical Center	285	16	0.056	0.035	0.089
Oroville Hospital	125	5	0.040	0.017	0.090
Washington Hospital Fremont	185	9	0.049	0.026	0.090
El Camino Health	334	20	0.060	0.039	0.091
Kaiser Foundation Hospital San Rafael	108	4	0.037	0.014	0.091
St. John's Hospital Camarillo	58	1	0.017	0.003	0.091
USC Verdugo Hills Hospital	76	2	0.026	0.007	0.091
AHMC Anaheim Regional Medical Center	75	2	0.027	0.007	0.092
Memorial Hospital Los Banos	38	0	0.000	0.000	0.092
Sharp Coronado Hospital and Healthcare Center	38	0	0.000	0.000	0.092
Marian Regional Medical Center	106	4	0.038	0.015	0.093
USC Arcadia Hospital	334	21	0.063	0.041	0.094
Doctors Medical Center	710	52	0.073	0.056	0.095
Emanate Health Queen of the Valley Hospital	306	19	0.062	0.040	0.095
Santa Barbara Cottage Hospital	357	23	0.064	0.043	0.095
Sutter Solano Medical Center	88	3	0.034	0.012	0.095
Highland Hospital	117	5	0.043	0.018	0.096
Kaiser Foundation Hospital Sacramento	468	33	0.071	0.051	0.097
Orange County Global Medical Center	185	10	0.054	0.030	0.097
Sequoia Hospital	71	2	0.028	0.008	0.097
Enloe Medical Center? Esplanade	307	20	0.065	0.043	0.098
Los Alamitos Medical Center	310	20	0.065	0.042	0.098
Bakersfield Heart Hospital	35	0	0.000	0.000	0.099
California Pacific Medical Center Mission Bernal Campus	35	0	0.000	0.000	0.099
Garden Grove Hospital and Medical Center	35	0	0.000	0.000	0.099
PIH Health Good Samaritan Hospital	365	25	0.068	0.047	0.099
Petaluma Valley Hospital	53	1	0.019	0.003	0.099
Sutter Amador Hospital	53	1	0.019	0.003	0.099
Community Hospital of San Bernardino	34	0	0.000	0.000	0.102

Hospital	Cases	AE	AER	LCL	UCL
El Centro Regional Medical Center	136	7	0.051	0.025	0.102
Los Angeles County/Harbor UCLA Medical Center	175	10	0.057	0.031	0.102
Sherman Oaks Hospital	34	0	0.000	0.000	0.102
St. Elizabeth Community Hospital	67	2	0.030	0.008	0.102
Tri-City Medical Center	248	16	0.065	0.040	0.102
Kaiser Foundation Hospital Manteca	122	6	0.049	0.023	0.103
Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center	268	18	0.067	0.043	0.104
Sharp Chula Vista Medical Center	326	23	0.071	0.047	0.104
Chinese Hospital	50	1	0.020	0.004	0.105
Emanate Health Inter Community Hospital	50	1	0.020	0.004	0.105
Mills-Peninsula Medical Center	332	24	0.072	0.049	0.105
Providence St. Joseph Hospital	273	19	0.070	0.045	0.106
Adventist Health Ukiah Valley	49	1	0.020	0.004	0.107
Los Angeles County+USC Medical Center	202	13	0.064	0.038	0.107
Palomar Medical Center	190	12	0.063	0.036	0.107
Methodist Hospital of Sacramento	165	10	0.061	0.033	0.108
Providence Saint Joseph Medical Center	368	28	0.076	0.053	0.108
Adventist Health Hanford	160	10	0.062	0.034	0.111
St. Mary Medical Center Long Beach	192	13	0.068	0.040	0.112
Alvarado Hospital Medical Center	46	1	0.022	0.004	0.113
Fountain Valley Regional Hospital & Medical Center Euclid	288	22	0.076	0.051	0.113
Mercy General Hospital	135	8	0.059	0.030	0.113
West Anaheim Medical Center	46	1	0.022	0.004	0.113
Palomar Medical Center Poway	59	2	0.034	0.009	0.115
Sutter Auburn Faith Hospital	72	3	0.042	0.014	0.115
UC San Francisco Medical Center	292	23	0.079	0.053	0.115
Kaiser Foundation Hospital Fresno	164	11	0.067	0.038	0.116
Northridge Hospital Medical Center	257	20	0.078	0.051	0.117
Valley Presbyterian Hospital	107	6	0.056	0.026	0.117
Alta Bates Summit Medical Center Alta Bates Campus	94	5	0.053	0.023	0.119
Redlands Community Hospital	170	12	0.071	0.041	0.119
Kaiser Foundation Hospital & Rehab Center Vallejo	137	9	0.066	0.035	0.120
Fairchild Medical Center	28	0	0.000	0.000	0.121
French Hospital Medical Center	43	1	0.023	0.004	0.121
Hi-Desert Medical Center	28	0	0.000	0.000	0.121
Sonoma Valley Hospital	28	0	0.000	0.000	0.121
Stanford Health Care	412	37	0.090	0.066	0.121
NorthBay Medical Center	217	17	0.078	0.049	0.122
Desert Regional Medical Center	330	29	0.088	0.062	0.123

Hospital	Cases	AE	AER	LCL	UCL
Mission Community Hospital Panorama Campus	27	0	0.000	0.000	0.125
Kaiser Foundation Hospital Santa Rosa	159	12	0.075	0.044	0.127
Providence Holy Cross Medical Center	299	27	0.090	0.063	0.128
Lakewood Regional Medical Center	186	15	0.081	0.049	0.129
Kaiser Foundation Hospital Fremont	94	6	0.064	0.030	0.132
Providence Santa Rosa Memorial Hospital Montgomery	209	18	0.086	0.055	0.132
Tenet Health Central Coast Twin Cities Community Hospital	84	5	0.060	0.026	0.132
Barstow Community Hospital	25	0	0.000	0.000	0.133
Kaiser Foundation Hospital Redwood City	289	27	0.093	0.065	0.133
Keck Hospital of USC	113	8	0.071	0.036	0.134
Palomar Health Downtown Campus	206	18	0.087	0.056	0.134
Alhambra Hospital Medical Center	61	3	0.049	0.017	0.135
Kern Medical Center	81	5	0.062	0.027	0.136
Adventist Health Sonora Greenley	60	3	0.050	0.017	0.137
San Joaquin General Hospital	100	7	0.070	0.034	0.137
Whittier Hospital Medical Center	49	2	0.041	0.011	0.137
California Pacific Medical Center Van Ness Campus	146	12	0.082	0.048	0.138
Kaiser Foundation Hospital Riverside	80	5	0.062	0.027	0.138
San Mateo Medical Center	24	0	0.000	0.000	0.138
California Pacific Medical Center Davies Campus Hospital	231	22	0.095	0.064	0.140
Mercy San Juan Medical Center	526	58	0.110	0.086	0.140
Arrowhead Regional Medical Center	226	22	0.097	0.065	0.143
John Muir Medical Center Walnut Creek Campus	390	43	0.110	0.083	0.145
Saint Francis Memorial Hospital	35	1	0.029	0.005	0.145
St. John's Regional Medical Center	278	29	0.104	0.074	0.146
Mercy Medical Center Redding	330	36	0.109	0.080	0.147
Kaiser Foundation Hospital Vacaville	82	6	0.073	0.034	0.151
Loma Linda University Medical Center	351	40	0.114	0.085	0.151
Paradise Valley Hospital	54	3	0.056	0.019	0.151
Scripps Green Hospital	54	3	0.056	0.019	0.151
Sutter Tracy Community Hospital	73	5	0.068	0.030	0.151
Madera Community Hospital	33	1	0.030	0.005	0.153
Tenet Health Central Coast Sierra Vista Regional Medical Center	80	6	0.075	0.035	0.154
Mark Twain Medical Center	21	0	0.000	0.000	0.155
Ridgecrest Regional Hospital	21	0	0.000	0.000	0.155
Providence Queen of the Valley Medical Center	149	15	0.101	0.062	0.159
Stanford Health Care Tri-Valley	110	10	0.091	0.050	0.159
Novato Community Hospital	31	1	0.032	0.006	0.162

Hospital	Cases	AE	AER	LCL	UCL
Kaiser Foundation Hospital Moreno Valley	58	4	0.069	0.027	0.164
Woodland Memorial Hospital	65	5	0.077	0.033	0.168
Providence St. Joseph Hospital Eureka	96	9	0.094	0.050	0.169
Adventist Health Mendocino Coast	18	0	0.000	0.000	0.176
Adventist Health St. Helena	18	0	0.000	0.000	0.176
Foothill Regional Medical Center	17	0	0.000	0.000	0.184
Victor Valley Global Medical Center	26	1	0.038	0.007	0.189
St. Rose Hospital	34	2	0.059	0.016	0.191
Placentia Linda Hospital	49	4	0.082	0.032	0.192
San Geronio Memorial Hospital	16	0	0.000	0.000	0.194
Adventist Health Howard Memorial	24	1	0.042	0.007	0.202
Community Hospital of Huntington Park	24	1	0.042	0.007	0.202
Greater El Monte Community Hospital	15	0	0.000	0.000	0.204
Adventist Health Clearlake	23	1	0.043	0.008	0.210
San Dimas Community Hospital	23	1	0.043	0.008	0.210
Adventist Health Reedley	14	0	0.000	0.000	0.215
Coast Plaza Hospital	29	2	0.069	0.019	0.220
Hazel Hawkins Memorial Hospital	28	2	0.071	0.020	0.226
Adventist Health Tulare	21	1	0.048	0.008	0.227
Encino Hospital Medical Center	13	0	0.000	0.000	0.228
Healdsburg Hospital	13	0	0.000	0.000	0.228
South Coast Global Medical Center	13	0	0.000	0.000	0.228
Chino Valley Medical Center	26	2	0.077	0.021	0.241
La Palma Intercommunity Hospital	12	0	0.000	0.000	0.242
Norwalk Community Hospital	12	0	0.000	0.000	0.242
City of Hope Helford Clinical Research Hospital	19	1	0.053	0.009	0.246
College Medical Center	11	0	0.000	0.000	0.259
Adventist Health Delano	10	0	0.000	0.000	0.278
Sutter Coast Hospital	21	2	0.095	0.027	0.289
Huntington Beach Hospital	9	0	0.000	0.000	0.299
L.A. Downtown Medical Center	9	0	0.000	0.000	0.299
Chapman Global Medical Center	8	0	0.000	0.000	0.324
Southern California Hospital at Hollywood	17	2	0.118	0.033	0.343
Mad River Community Hospital	7	0	0.000	0.000	0.354
Northern Inyo Hospital	12	1	0.083	0.015	0.354
Anaheim Global Medical Center	6	0	0.000	0.000	0.390
Oak Valley Hospital District	6	0	0.000	0.000	0.390
Olympia Medical Center	6	0	0.000	0.000	0.390
Casa Colina Hospital	5	0	0.000	0.000	0.434
Pacifica Hospital of the Valley	5	0	0.000	0.000	0.434
Barton Memorial Hospital	9	1	0.111	0.020	0.435
Providence Mission Hospital Laguna Beach	8	1	0.125	0.022	0.471
Mercy Medical Center Mt. Shasta	11	2	0.182	0.051	0.477
Banner Lassen Medical Center	4	0	0.000	0.000	0.490

Hospital	Cases	AE	AER	LCL	UCL
John C Fremont Healthcare District	4	0	0.000	0.000	0.490
Meniffee Global Medical Center	4	0	0.000	0.000	0.490
Sutter Lakeside Hospital	4	0	0.000	0.000	0.490
Ojai Valley Community Hospital	3	0	0.000	0.000	0.561
Orchard Hospital	3	0	0.000	0.000	0.561
Trinity Hospital	3	0	0.000	0.000	0.561
Vibra Rehab Hospital of Rancho Mirage	3	0	0.000	0.000	0.561
Santa Ynez Valley Cottage Hospital	5	1	0.200	0.036	0.624
East Los Angeles Doctors Hospital	4	1	0.250	0.046	0.699
Providence Redwood Memorial Hospital	6	2	0.333	0.097	0.700
Mammoth Hospital	3	1	0.333	0.061	0.792

5.6.4 Hospital Data Table

Table 5.17: Acute Stroke Ischemic

Hospital	Cases	AE	AER	LCL	UCL
AHMC Anaheim Regional Medical Center	75	2	0.027	0.007	0.092
AHMC Seton Medical Center	96	3	0.031	0.011	0.088
Adventist Health Bakersfield	386	15	0.039	0.024	0.063
Adventist Health Clearlake	23	1	0.043	0.008	0.210
Adventist Health Delano	10	0	0.000	0.000	0.278
Adventist Health Glendale	276	14	0.051	0.030	0.083
Adventist Health Hanford	160	10	0.062	0.034	0.111
Adventist Health Howard Memorial	24	1	0.042	0.007	0.202
Adventist Health Lodi Memorial	127	0	0.000	0.000	0.029
Adventist Health Mendocino Coast	18	0	0.000	0.000	0.176
Adventist Health Reedley	14	0	0.000	0.000	0.215
Adventist Health Simi Valley	108	0	0.000	0.000	0.034
Adventist Health Sonora Greenley	60	3	0.050	0.017	0.137
Adventist Health St. Helena	18	0	0.000	0.000	0.176
Adventist Health Tulare	21	1	0.048	0.008	0.227
Adventist Health Ukiah Valley	49	1	0.020	0.004	0.107
Adventist Health White Memorial	159	5	0.031	0.014	0.071
Adventist Health and Rideout	257	13	0.051	0.030	0.085
Alameda Hospital	80	0	0.000	0.000	0.046
Alhambra Hospital Medical Center	61	3	0.049	0.017	0.135
Alta Bates Summit Medical Center	364	15	0.041	0.025	0.067
Alta Bates Summit Medical Center Alta Bates Campus	94	5	0.053	0.023	0.119
Alvarado Hospital Medical Center	46	1	0.022	0.004	0.113
Anaheim Global Medical Center	6	0	0.000	0.000	0.390
Antelope Valley Hospital	396	22	0.056	0.037	0.083
Arrowhead Regional Medical Center	226	22	0.097	0.065	0.143
Bakersfield Heart Hospital	35	0	0.000	0.000	0.099
Bakersfield Memorial Hospital	315	13	0.041	0.024	0.069
Banner Lassen Medical Center	4	0	0.000	0.000	0.490
Barstow Community Hospital	25	0	0.000	0.000	0.133
Barton Memorial Hospital	9	1	0.111	0.020	0.435
Beverly Hospital	101	1	0.010	0.002	0.054
California Hospital Medical Center Los Angeles	194	2	0.010	0.003	0.037
California Pacific Medical Center Davies	231	22	0.095	0.064	0.140
Campus Hospital					
California Pacific Medical Center Mission Bernal Campus	35	0	0.000	0.000	0.099
California Pacific Medical Center Van Ness Campus	146	12	0.082	0.048	0.138

Hospital	Cases	AE	AER	LCL	UCL
Casa Colina Hospital	5	0	0.000	0.000	0.434
Cedars Sinai Marina Del Rey Hospital	44	0	0.000	0.000	0.080
Cedars Sinai Medical Center	482	23	0.048	0.032	0.071
Centinela Hospital Medical Center	264	11	0.042	0.023	0.073
Chapman Global Medical Center	8	0	0.000	0.000	0.324
Chinese Hospital	50	1	0.020	0.004	0.105
Chino Valley Medical Center	26	2	0.077	0.021	0.241
City of Hope Helford Clinical Research Hospital	19	1	0.053	0.009	0.246
Clovis Community Medical Center	250	7	0.028	0.014	0.057
Coast Plaza Hospital	29	2	0.069	0.019	0.220
College Medical Center	11	0	0.000	0.000	0.259
Community Hospital of Huntington Park	24	1	0.042	0.007	0.202
Community Hospital of San Bernardino	34	0	0.000	0.000	0.102
Community Hospital of the Monterey Peninsula	250	10	0.040	0.022	0.072
Community Memorial Hospital San Buenaventura	208	4	0.019	0.008	0.048
Community Regional Medical Center Fresno	570	35	0.061	0.044	0.084
Contra Costa Regional Medical Center	63	0	0.000	0.000	0.057
Corona Regional Medical Center Main	160	6	0.038	0.017	0.079
Dameron Hospital	62	1	0.016	0.003	0.086
Desert Regional Medical Center	330	29	0.088	0.062	0.123
Desert Valley Hospital	72	1	0.014	0.002	0.075
Doctors Hospital of Manteca	86	1	0.012	0.002	0.063
Doctors Hospital of Riverside	59	0	0.000	0.000	0.061
Doctors Medical Center	710	52	0.073	0.056	0.095
Dominican Hospital	195	9	0.046	0.024	0.085
East Los Angeles Doctors Hospital	4	1	0.250	0.046	0.699
Eden Medical Center	303	17	0.056	0.035	0.088
Eisenhower Medical Center	429	5	0.012	0.005	0.027
El Camino Health	334	20	0.060	0.039	0.091
El Centro Regional Medical Center	136	7	0.051	0.025	0.102
Emanate Health Foothill Presbyterian Hospital	60	1	0.017	0.003	0.089
Emanate Health Inter Community Hospital	50	1	0.020	0.004	0.105
Emanate Health Queen of the Valley Hospital	306	19	0.062	0.040	0.095
Emanuel Medical Center	109	1	0.009	0.002	0.050
Encino Hospital Medical Center	13	0	0.000	0.000	0.228
Enloe Medical Center? Esplanade	307	20	0.065	0.043	0.098
Fairchild Medical Center	28	0	0.000	0.000	0.121
Foothill Regional Medical Center	17	0	0.000	0.000	0.184
Fountain Valley Regional Hospital & Medical Center Euclid	288	22	0.076	0.051	0.113
French Hospital Medical Center	43	1	0.023	0.004	0.121
Garden Grove Hospital and Medical Center	35	0	0.000	0.000	0.099
Garfield Medical Center	234	11	0.047	0.026	0.082

Hospital	Cases	AE	AER	LCL	UCL
Glendale Memorial Hospital and Health Center	89	1	0.011	0.002	0.061
Good Samaritan Hospital San Jose	351	16	0.046	0.028	0.073
Greater El Monte Community Hospital	15	0	0.000	0.000	0.204
Grossmont Hospital	569	32	0.056	0.040	0.078
Hazel Hawkins Memorial Hospital	28	2	0.071	0.020	0.226
Healdsburg Hospital	13	0	0.000	0.000	0.228
Hemet Global Medical Center	56	0	0.000	0.000	0.064
Henry Mayo Newhall Hospital	140	1	0.007	0.001	0.039
Hi-Desert Medical Center	28	0	0.000	0.000	0.121
Highland Hospital	117	5	0.043	0.018	0.096
Hoag Memorial Hospital Presbyterian	549	10	0.018	0.010	0.033
Hollywood Presbyterian Medical Center	147	3	0.020	0.007	0.058
Huntington Beach Hospital	9	0	0.000	0.000	0.299
Huntington Hospital	315	15	0.048	0.029	0.077
John C Fremont Healthcare District	4	0	0.000	0.000	0.490
John F. Kennedy Memorial Hospital	136	3	0.022	0.008	0.063
John Muir Medical Center Concord Campus	162	7	0.043	0.021	0.086
John Muir Medical Center Walnut Creek Campus	390	43	0.110	0.083	0.145
Kaiser Foundation Hospital & Rehab Center Vallejo	137	9	0.066	0.035	0.120
Kaiser Foundation Hospital Antioch	165	3	0.018	0.006	0.052
Kaiser Foundation Hospital Baldwin Park	108	3	0.028	0.009	0.079
Kaiser Foundation Hospital Downey	266	10	0.038	0.021	0.068
Kaiser Foundation Hospital Fontana	395	21	0.053	0.035	0.080
Kaiser Foundation Hospital Fremont	94	6	0.064	0.030	0.132
Kaiser Foundation Hospital Fresno	164	11	0.067	0.038	0.116
Kaiser Foundation Hospital Los Angeles	430	24	0.056	0.038	0.082
Kaiser Foundation Hospital Manteca	122	6	0.049	0.023	0.103
Kaiser Foundation Hospital Moreno Valley	58	4	0.069	0.027	0.164
Kaiser Foundation Hospital Oakland/Richmond	361	12	0.033	0.019	0.057
Kaiser Foundation Hospital Orange County Anaheim	309	8	0.026	0.013	0.050
Kaiser Foundation Hospital Panorama City	90	2	0.022	0.006	0.077
Kaiser Foundation Hospital Redwood City	289	27	0.093	0.065	0.133
Kaiser Foundation Hospital Riverside	80	5	0.062	0.027	0.138
Kaiser Foundation Hospital Roseville	320	9	0.028	0.015	0.053
Kaiser Foundation Hospital Sacramento	468	33	0.071	0.051	0.097
Kaiser Foundation Hospital San Diego Zion	309	10	0.032	0.018	0.059
Kaiser Foundation Hospital San Francisco	167	2	0.012	0.003	0.043
Kaiser Foundation Hospital San Jose	223	5	0.022	0.010	0.051
Kaiser Foundation Hospital San Leandro	152	4	0.026	0.010	0.066
Kaiser Foundation Hospital San Rafael	108	4	0.037	0.014	0.091
Kaiser Foundation Hospital Santa Clara	200	9	0.045	0.024	0.083

Hospital	Cases	AE	AER	LCL	UCL
Kaiser Foundation Hospital Santa Rosa	159	12	0.075	0.044	0.127
Kaiser Foundation Hospital South Bay	225	9	0.040	0.021	0.074
Kaiser Foundation Hospital South Sacramento	246	12	0.049	0.028	0.083
Kaiser Foundation Hospital South San Francisco	141	5	0.035	0.015	0.080
Kaiser Foundation Hospital Vacaville	82	6	0.073	0.034	0.151
Kaiser Foundation Hospital Walnut Creek	196	6	0.031	0.014	0.065
Kaiser Foundation Hospital West LA	222	8	0.036	0.018	0.069
Kaiser Foundation Hospital Woodland Hills	140	5	0.036	0.015	0.081
Kaweah Health Medical Center	390	21	0.054	0.035	0.081
Keck Hospital of USC	113	8	0.071	0.036	0.134
Kern Medical Center	81	5	0.062	0.027	0.136
L.A. Downtown Medical Center	9	0	0.000	0.000	0.299
La Palma Intercommunity Hospital	12	0	0.000	0.000	0.242
Lakewood Regional Medical Center	186	15	0.081	0.049	0.129
Loma Linda University Medical Center	351	40	0.114	0.085	0.151
Loma Linda University Medical Center Murrieta	127	3	0.024	0.008	0.067
Lompoc Valley Medical Center	46	0	0.000	0.000	0.077
Los Alamitos Medical Center	310	20	0.065	0.042	0.098
Los Angeles Community Hospital	41	0	0.000	0.000	0.086
Los Angeles County Olive View UCLA Medical Center	101	2	0.020	0.005	0.069
Los Angeles County+USC Medical Center	202	13	0.064	0.038	0.107
Los Angeles County/Harbor UCLA Medical Center	175	10	0.057	0.031	0.102
Los Angeles County/Rancho Los Amigos National Rehab Center	105	0	0.000	0.000	0.035
Los Robles Hospital & Medical Center	256	5	0.020	0.008	0.045
Mad River Community Hospital	7	0	0.000	0.000	0.354
Madera Community Hospital	33	1	0.030	0.005	0.153
Mammoth Hospital	3	1	0.333	0.061	0.792
Marian Regional Medical Center	106	4	0.038	0.015	0.093
Marian Regional Medical Center Arroyo Grande	44	0	0.000	0.000	0.080
MarinHealth Medical Center	182	7	0.038	0.019	0.077
Mark Twain Medical Center	21	0	0.000	0.000	0.155
Marshall Medical Center	104	3	0.029	0.010	0.081
Memorial Hospital Los Banos	38	0	0.000	0.000	0.092
Memorial Hospital of Gardena	109	2	0.018	0.005	0.064
Memorial Medical Center Modesto	281	7	0.025	0.012	0.051
MemorialCare Long Beach Medical Center	416	20	0.048	0.031	0.073
MemorialCare Orange Coast Medical Center	156	5	0.032	0.014	0.073
MemorialCare Saddleback Medical Center	260	11	0.042	0.024	0.074
Menifee Global Medical Center	4	0	0.000	0.000	0.490
Mercy General Hospital	135	8	0.059	0.030	0.113
Mercy Hospital Bakersfield	148	4	0.027	0.011	0.067

Hospital	Cases	AE	AER	LCL	UCL
Mercy Hospital of Folsom	139	2	0.014	0.004	0.051
Mercy Medical Center Merced	187	3	0.016	0.005	0.046
Mercy Medical Center Mt. Shasta	11	2	0.182	0.051	0.477
Mercy Medical Center Redding	330	36	0.109	0.080	0.147
Mercy San Juan Medical Center	526	58	0.110	0.086	0.140
Methodist Hospital of Sacramento	165	10	0.061	0.033	0.108
Mills-Peninsula Medical Center	332	24	0.072	0.049	0.105
Mission Community Hospital Panorama Campus	27	0	0.000	0.000	0.125
Monterey Park Hospital	49	0	0.000	0.000	0.073
Natividad Medical Center	50	0	0.000	0.000	0.071
NorthBay Medical Center	217	17	0.078	0.049	0.122
Northern Inyo Hospital	12	1	0.083	0.015	0.354
Northridge Hospital Medical Center	257	20	0.078	0.051	0.117
Norwalk Community Hospital	12	0	0.000	0.000	0.242
Novato Community Hospital	31	1	0.032	0.006	0.162
O'Connor Hospital	118	0	0.000	0.000	0.032
Oak Valley Hospital District	6	0	0.000	0.000	0.390
Ojai Valley Community Hospital	3	0	0.000	0.000	0.561
Olympia Medical Center	6	0	0.000	0.000	0.390
Orange County Global Medical Center	185	10	0.054	0.030	0.097
Orchard Hospital	3	0	0.000	0.000	0.561
Oroville Hospital	125	5	0.040	0.017	0.090
PIH Health Good Samaritan Hospital	365	25	0.068	0.047	0.099
PIH Health Hospital Downey	174	2	0.011	0.003	0.041
PIH Health Hospital Whittier	524	33	0.063	0.045	0.087
Pacifica Hospital of the Valley	5	0	0.000	0.000	0.434
Palmdale Regional Medical Center	196	4	0.020	0.008	0.051
Palomar Health Downtown Campus	206	18	0.087	0.056	0.134
Palomar Medical Center	190	12	0.063	0.036	0.107
Palomar Medical Center Poway	59	2	0.034	0.009	0.115
Paradise Valley Hospital	54	3	0.056	0.019	0.151
Petaluma Valley Hospital	53	1	0.019	0.003	0.099
Pioneers Memorial Healthcare District	63	0	0.000	0.000	0.057
Placentia Linda Hospital	49	4	0.082	0.032	0.192
Pomona Valley Hospital Medical Center	554	35	0.063	0.046	0.087
Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center	268	18	0.067	0.043	0.104
Providence Cedars Sinai Tarzana Medical Center	130	3	0.023	0.008	0.066
Providence Holy Cross Medical Center	299	27	0.090	0.063	0.128
Providence Little Company of Mary Medical Center San Pedro	49	0	0.000	0.000	0.073
Providence Little Company of Mary Medical Center Torrance	445	25	0.056	0.038	0.082
Providence Mission Hospital	301	13	0.043	0.025	0.072

Hospital	Cases	AE	AER	LCL	UCL
Providence Mission Hospital Laguna Beach	8	1	0.125	0.022	0.471
Providence Queen of the Valley Medical Center	149	15	0.101	0.062	0.159
Providence Redwood Memorial Hospital	6	2	0.333	0.097	0.700
Providence Saint John's Health Center	225	11	0.049	0.028	0.085
Providence Saint Joseph Medical Center	368	28	0.076	0.053	0.108
Providence Santa Rosa Memorial Hospital	209	18	0.086	0.055	0.132
Montgomery					
Providence St. Joseph Hospital	273	19	0.070	0.045	0.106
Providence St. Joseph Hospital Eureka	96	9	0.094	0.050	0.169
Providence St. Jude Medical Center	417	20	0.048	0.031	0.073
Redlands Community Hospital	170	12	0.071	0.041	0.119
Regional Medical Center of San Jose	445	22	0.049	0.033	0.074
Ridgecrest Regional Hospital	21	0	0.000	0.000	0.155
Riverside Community Hospital	624	31	0.050	0.035	0.070
Riverside University Health System Medical Center	265	9	0.034	0.018	0.063
Ronald Reagan UCLA Medical Center	254	8	0.031	0.016	0.061
Saint Agnes Medical Center	313	12	0.038	0.022	0.066
Saint Francis Memorial Hospital	35	1	0.029	0.005	0.145
Salinas Valley Health Medical Center	223	6	0.027	0.012	0.057
San Antonio Regional Hospital	355	12	0.034	0.019	0.058
San Dimas Community Hospital	23	1	0.043	0.008	0.210
San Gabriel Valley Medical Center	103	2	0.019	0.005	0.068
San Geronio Memorial Hospital	16	0	0.000	0.000	0.194
San Joaquin General Hospital	100	7	0.070	0.034	0.137
San Mateo Medical Center	24	0	0.000	0.000	0.138
San Ramon Regional Medical Center	86	1	0.012	0.002	0.063
Santa Barbara Cottage Hospital	357	23	0.064	0.043	0.095
Santa Clara Valley Medical Center	209	8	0.038	0.020	0.074
Santa Monica UCLA Medical Center and Orthopaedic Hospital	75	0	0.000	0.000	0.049
Santa Ynez Valley Cottage Hospital	5	1	0.200	0.036	0.624
Scripps Green Hospital	54	3	0.056	0.019	0.151
Scripps Memorial Hospital Encinitas	213	5	0.023	0.010	0.054
Scripps Memorial Hospital La Jolla	412	22	0.053	0.036	0.080
Scripps Mercy Hospital	459	17	0.037	0.023	0.059
Sequoia Hospital	71	2	0.028	0.008	0.097
Sharp Chula Vista Medical Center	326	23	0.071	0.047	0.104
Sharp Coronado Hospital and Healthcare Center	38	0	0.000	0.000	0.092
Sharp Memorial Hospital	407	13	0.032	0.019	0.054
Shasta Regional Medical Center	119	3	0.025	0.009	0.072
Sherman Oaks Hospital	34	0	0.000	0.000	0.102
Sierra Nevada Memorial Hospital	93	2	0.022	0.006	0.075
Sierra View Medical Center	103	2	0.019	0.005	0.068

Hospital	Cases	AE	AER	LCL	UCL
Sonoma Valley Hospital	28	0	0.000	0.000	0.121
South Coast Global Medical Center	13	0	0.000	0.000	0.228
Southern California Hospital at Culver City	92	2	0.022	0.006	0.076
Southern California Hospital at Hollywood	17	2	0.118	0.033	0.343
Southwest Healthcare System Murrieta	302	11	0.036	0.020	0.064
St. Bernardine Medical Center	273	14	0.051	0.031	0.084
St. Elizabeth Community Hospital	67	2	0.030	0.008	0.102
St. Francis Medical Center	216	3	0.014	0.005	0.040
St. John's Hospital Camarillo	58	1	0.017	0.003	0.091
St. John's Regional Medical Center	278	29	0.104	0.074	0.146
St. Joseph's Medical Center of Stockton	331	10	0.030	0.016	0.055
St. Louise Regional Hospital	60	0	0.000	0.000	0.060
St. Mary Medical Center Apple Valley	289	8	0.028	0.014	0.054
St. Mary Medical Center Long Beach	192	13	0.068	0.040	0.112
St. Mary's Medical Center	65	1	0.015	0.003	0.082
St. Rose Hospital	34	2	0.059	0.016	0.191
Stanford Health Care	412	37	0.090	0.066	0.121
Stanford Health Care Tri-Valley	110	10	0.091	0.050	0.159
Sutter Amador Hospital	53	1	0.019	0.003	0.099
Sutter Auburn Faith Hospital	72	3	0.042	0.014	0.115
Sutter Coast Hospital	21	2	0.095	0.027	0.289
Sutter Davis Hospital	67	0	0.000	0.000	0.054
Sutter Delta Medical Center	63	1	0.016	0.003	0.085
Sutter Lakeside Hospital	4	0	0.000	0.000	0.490
Sutter Medical Center Sacramento	373	22	0.059	0.039	0.088
Sutter Roseville Medical Center	454	21	0.046	0.030	0.070
Sutter Santa Rosa Regional Hospital	101	1	0.010	0.002	0.054
Sutter Solano Medical Center	88	3	0.034	0.012	0.095
Sutter Tracy Community Hospital	73	5	0.068	0.030	0.151
Temecula Valley Hospital	233	11	0.047	0.027	0.083
Tenet Health Central Coast Sierra Vista Regional Medical Center	80	6	0.075	0.035	0.154
Tenet Health Central Coast Twin Cities Community Hospital	84	5	0.060	0.026	0.132
Torrance Memorial Medical Center	485	22	0.045	0.030	0.068
Tri-City Medical Center	248	16	0.065	0.040	0.102
Trinity Hospital	3	0	0.000	0.000	0.561
UC Davis Medical Center	285	16	0.056	0.035	0.089
UC Irvine Medical Center	307	5	0.016	0.007	0.038
UC San Diego Health Hillcrest Hillcrest Medical Center	397	11	0.028	0.016	0.049
UC San Francisco Medical Center	292	23	0.079	0.053	0.115
USC Arcadia Hospital	334	21	0.063	0.041	0.094
USC Verdugo Hills Hospital	76	2	0.026	0.007	0.091

Hospital	Cases	AE	AER	LCL	UCL
Valley Presbyterian Hospital	107	6	0.056	0.026	0.117
Ventura County Medical Center	77	0	0.000	0.000	0.048
Vibra Rehab Hospital of Rancho Mirage	3	0	0.000	0.000	0.561
Victor Valley Global Medical Center	26	1	0.038	0.007	0.189
Washington Hospital Fremont	185	9	0.049	0.026	0.090
Watsonville Community Hospital	80	2	0.025	0.007	0.087
West Anaheim Medical Center	46	1	0.022	0.004	0.113
West Hills Hospital and Medical Center	148	2	0.014	0.004	0.048
Whittier Hospital Medical Center	49	2	0.041	0.011	0.137
Woodland Memorial Hospital	65	5	0.077	0.033	0.168

5.6.5 Summary

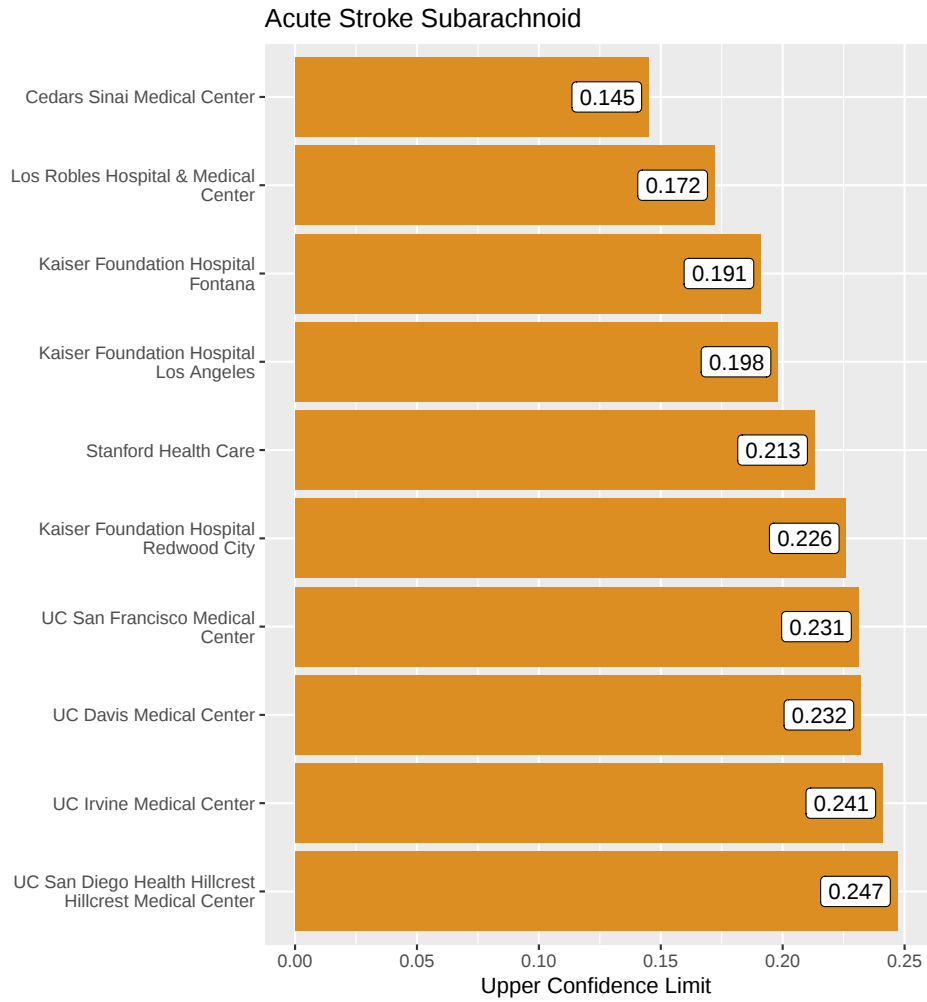
Table 5.18: Acute Stroke Ischemic

Hospitals	Cases.tot	AE.tot	AER.avg	AER.se	UCL.avg	UCL.se
293	47426	2308	0.041	0.002	0.136	0.007

- **Cases.tot:** The total number of cases
- **AE.tot:** The total number of adverse events
- **AER.avg:** The average or arithmetic mean of the Adverse Event Rate for all hospitals.
 - Note: AER.avg is the average of the individual hospital AER values.
 - The Acute Stroke Ischemic AER rate for all hospitals is $AE.tot/Cases.tot$ and is equal to 0.049.
- **AER.se:** The AER.avg standard error.
- **UCL.avg:** The average or arithmetic mean of the Upper Confidence Limit (UCL) for all hospitals.
 - The UCL is important to compare the relative performance of hospitals reporting zero Adverse Events.
- **UCL.se:** The UCL.avg standard error

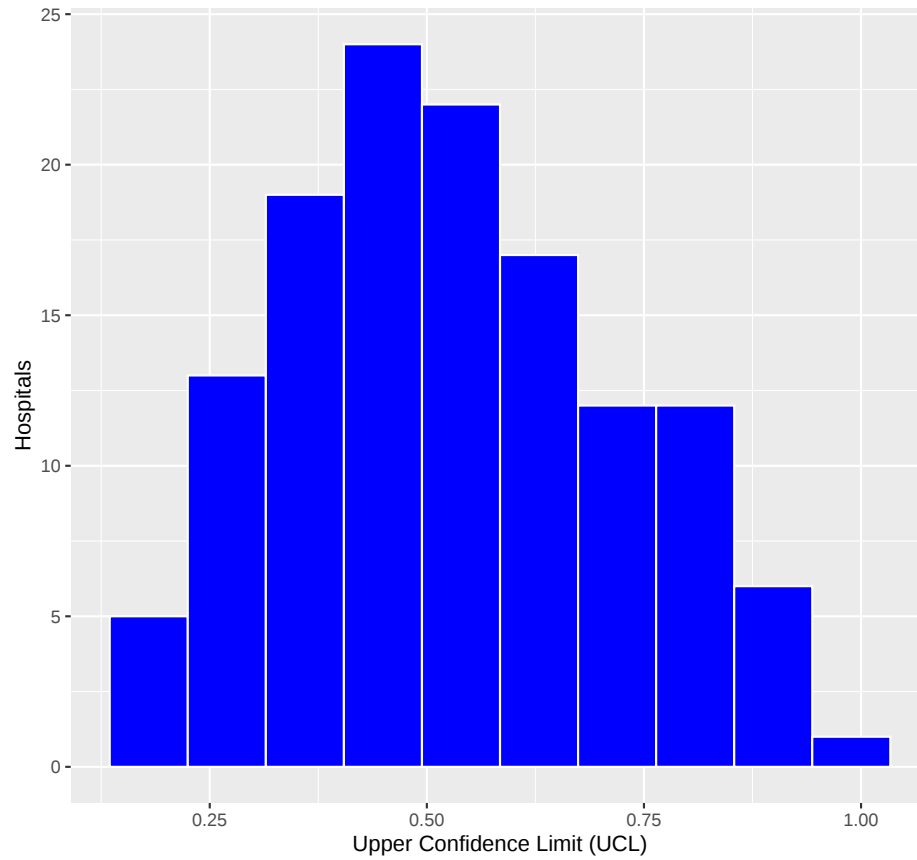
5.7 Acute Stroke Subarachnoid

5.7.1 Ten Lowest Upper Confidence Limits (UCL) bar chart



5.7.2 Upper Confidence Limit (UCL) Histogram

Acute Stroke Subarachnoid
131 hospitals reporting



5.7.3 Upper Confidence Limit (UCL) Listing

Hospitals listed in UCL ascending order:

Table 5.19: Acute Stroke Subarachnoid

Hospital	Cases	AE	AER	LCL	UCL
Cedars Sinai Medical Center	35	1	0.029	0.005	0.145
Los Robles Hospital & Medical Center	29	1	0.034	0.006	0.172
Kaiser Foundation Hospital Fontana	34	2	0.059	0.016	0.191
Kaiser Foundation Hospital Los Angeles	61	6	0.098	0.046	0.198
Stanford Health Care	110	15	0.136	0.084	0.213
Kaiser Foundation Hospital Redwood City	114	17	0.149	0.095	0.226
UC San Francisco Medical Center	74	10	0.135	0.075	0.231
UC Davis Medical Center	57	7	0.123	0.061	0.232
UC Irvine Medical Center	38	4	0.105	0.042	0.241
UC San Diego Health Hillcrest Hillcrest Medical Center	48	6	0.125	0.059	0.247
Santa Barbara Cottage Hospital	38	5	0.132	0.058	0.273
Keck Hospital of USC	79	15	0.190	0.119	0.290
Riverside Community Hospital	61	11	0.180	0.104	0.295
West Hills Hospital and Medical Center	9	0	0.000	0.000	0.299
Regional Medical Center of San Jose	43	7	0.163	0.081	0.300
Scripps Memorial Hospital La Jolla	47	8	0.170	0.089	0.301
Community Regional Medical Center Fresno	63	12	0.190	0.112	0.304
PIH Health Good Samaritan Hospital	38	6	0.158	0.074	0.304
Providence Mission Hospital	23	3	0.130	0.045	0.321
Kaiser Foundation Hospital Downey	8	0	0.000	0.000	0.324
Ronald Reagan UCLA Medical Center	27	4	0.148	0.059	0.325
Kaiser Foundation Hospital San Diego Zion	18	2	0.111	0.031	0.328
Bakersfield Memorial Hospital	26	4	0.154	0.062	0.335
Doctors Medical Center	56	12	0.214	0.127	0.338
Kaiser Foundation Hospital Sacramento	48	10	0.208	0.117	0.343
Kaiser Foundation Hospital Orange County Anaheim	29	5	0.172	0.076	0.345
Kaiser Foundation Hospital Fresno	7	0	0.000	0.000	0.354
Good Samaritan Hospital San Jose	22	4	0.182	0.073	0.385
MemorialCare Long Beach Medical Center	22	4	0.182	0.073	0.385
St. John's Regional Medical Center	22	4	0.182	0.073	0.385
Kaiser Foundation Hospital San Leandro	6	0	0.000	0.000	0.390
Kaiser Foundation Hospital Santa Rosa	6	0	0.000	0.000	0.390
California Pacific Medical Center Davies Campus Hospital	38	9	0.237	0.130	0.392
Adventist Health Glendale	31	7	0.226	0.114	0.398
St. Mary Medical Center Long Beach	21	4	0.190	0.077	0.400
Kaiser Foundation Hospital San Francisco	10	1	0.100	0.018	0.404

Hospital	Cases	AE	AER	LCL	UCL
Southwest Healthcare System Murrieta	10	1	0.100	0.018	0.404
Providence Little Company of Mary Medical Center Torrance	30	7	0.233	0.118	0.409
Providence Saint Joseph Medical Center	30	7	0.233	0.118	0.409
Mercy Medical Center Redding	20	4	0.200	0.081	0.416
Eden Medical Center	44	12	0.273	0.163	0.418
Grossmont Hospital	47	13	0.277	0.169	0.418
Eisenhower Medical Center	13	2	0.154	0.043	0.422
Providence St. Jude Medical Center	52	15	0.288	0.183	0.423
Sutter Medical Center Sacramento	19	4	0.211	0.085	0.433
Alta Bates Summit Medical Center Alta Bates Campus	5	0	0.000	0.000	0.434
Kaiser Foundation Hospital & Rehab Center Vallejo	5	0	0.000	0.000	0.434
Kaiser Foundation Hospital South Bay	5	0	0.000	0.000	0.434
Palomar Health Downtown Campus	12	2	0.167	0.047	0.448
Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center	15	3	0.200	0.070	0.452
Mercy San Juan Medical Center	61	20	0.328	0.223	0.453
Loma Linda University Medical Center	65	22	0.338	0.235	0.460
Desert Regional Medical Center	26	7	0.269	0.137	0.461
Northridge Hospital Medical Center	26	7	0.269	0.137	0.461
Hoag Memorial Hospital Presbyterian	20	5	0.250	0.112	0.469
Scripps Mercy Hospital	20	5	0.250	0.112	0.469
Los Angeles County/Harbor UCLA Medical Center	17	4	0.235	0.096	0.473
Kaiser Foundation Hospital Oakland/Richmond	11	2	0.182	0.051	0.477
Kaiser Foundation Hospital San Rafael	4	0	0.000	0.000	0.490
Kaiser Foundation Hospital South Sacramento	4	0	0.000	0.000	0.490
Kaiser Foundation Hospital Woodland Hills	4	0	0.000	0.000	0.490
Los Alamitos Medical Center	16	4	0.250	0.102	0.495
Washington Hospital Fremont	16	4	0.250	0.102	0.495
Pomona Valley Hospital Medical Center	55	20	0.364	0.249	0.496
Providence St. Joseph Hospital	10	2	0.200	0.057	0.510
PIH Health Hospital Whittier	37	13	0.351	0.218	0.512
Sutter Roseville Medical Center	7	1	0.143	0.026	0.513
Antelope Valley Hospital	22	7	0.318	0.164	0.527
Huntington Hospital	17	5	0.294	0.133	0.531
Redlands Community Hospital	12	3	0.250	0.089	0.532
John Muir Medical Center Walnut Creek Campus	44	17	0.386	0.257	0.534
Santa Clara Valley Medical Center	14	4	0.286	0.117	0.546
Lakewood Regional Medical Center	16	5	0.312	0.142	0.556
Emanate Health Foothill Presbyterian Hospital	3	0	0.000	0.000	0.561

Hospital	Cases	AE	AER	LCL	UCL
Glendale Memorial Hospital and Health Center	3	0	0.000	0.000	0.561
Kaiser Foundation Hospital Riverside	3	0	0.000	0.000	0.561
Kaiser Foundation Hospital Walnut Creek	3	0	0.000	0.000	0.561
Riverside University Health System Medical Center	3	0	0.000	0.000	0.561
Scripps Green Hospital	3	0	0.000	0.000	0.561
Tri-City Medical Center	3	0	0.000	0.000	0.561
Kaiser Foundation Hospital Baldwin Park	6	1	0.167	0.030	0.564
Mercy Hospital Bakersfield	6	1	0.167	0.030	0.564
Emanate Health Queen of the Valley Hospital	11	3	0.273	0.097	0.566
St. Francis Medical Center	8	2	0.250	0.071	0.591
Los Angeles County+USC Medical Center	29	12	0.414	0.255	0.593
Garfield Medical Center	14	5	0.357	0.163	0.612
Torrance Memorial Medical Center	20	8	0.400	0.219	0.613
Providence Holy Cross Medical Center	16	6	0.375	0.185	0.614
Centinela Hospital Medical Center	5	1	0.200	0.036	0.624
Kaiser Foundation Hospital Fremont	5	1	0.200	0.036	0.624
Kaiser Foundation Hospital South San Francisco	5	1	0.200	0.036	0.624
Loma Linda University Medical Center Murrieta	5	1	0.200	0.036	0.624
Marian Regional Medical Center	5	1	0.200	0.036	0.624
Memorial Medical Center Modesto	5	1	0.200	0.036	0.624
St. John's Hospital Camarillo	5	1	0.200	0.036	0.624
Orange County Global Medical Center	17	7	0.412	0.216	0.640
Highland Hospital	7	2	0.286	0.082	0.641
USC Arcadia Hospital	15	6	0.400	0.198	0.643
Mills-Peninsula Medical Center	13	5	0.385	0.177	0.645
Temecula Valley Hospital	26	12	0.462	0.288	0.645
Fountain Valley Regional Hospital & Medical Center Euclid	19	9	0.474	0.273	0.683
Henry Mayo Newhall Hospital	10	4	0.400	0.168	0.687
San Antonio Regional Hospital	10	4	0.400	0.168	0.687
Beverly Hospital	8	3	0.375	0.137	0.694
Enloe Medical Center? Esplanade	4	1	0.250	0.046	0.699
Kaiser Foundation Hospital Vacaville	4	1	0.250	0.046	0.699
Scripps Memorial Hospital Encinitas	4	1	0.250	0.046	0.699
Kaiser Foundation Hospital Santa Clara	6	2	0.333	0.097	0.700
Arrowhead Regional Medical Center	20	10	0.500	0.299	0.701
MemorialCare Saddleback Medical Center	12	6	0.500	0.254	0.746
Adventist Health Bakersfield	7	3	0.429	0.158	0.750
El Camino Health	7	3	0.429	0.158	0.750
MarinHealth Medical Center	5	2	0.400	0.118	0.769
Palomar Medical Center	5	2	0.400	0.118	0.769
Salinas Valley Health Medical Center	5	2	0.400	0.118	0.769
Kaiser Foundation Hospital Antioch	3	1	0.333	0.061	0.792

Hospital	Cases	AE	AER	LCL	UCL
Kaiser Foundation Hospital Panorama City	3	1	0.333	0.061	0.792
NorthBay Medical Center	3	1	0.333	0.061	0.792
Paradise Valley Hospital	3	1	0.333	0.061	0.792
Kaweah Health Medical Center	9	5	0.556	0.267	0.811
Providence Santa Rosa Memorial Hospital Montgomery	6	3	0.500	0.188	0.812
St. Bernardine Medical Center	6	3	0.500	0.188	0.812
Providence Saint John's Health Center	13	8	0.615	0.355	0.823
Palmdale Regional Medical Center	4	2	0.500	0.150	0.850
Sharp Chula Vista Medical Center	8	5	0.625	0.306	0.863
Dominican Hospital	5	3	0.600	0.231	0.882
Emanate Health Inter Community Hospital	5	3	0.600	0.231	0.882
Providence Cedars Sinai Tarzana Medical Center	5	3	0.600	0.231	0.882
Sharp Memorial Hospital	7	5	0.714	0.359	0.918
St. Joseph's Medical Center of Stockton	3	2	0.667	0.208	0.939
Adventist Health and Rideout	4	3	0.750	0.301	0.954

5.7.4 Hospital Data Table

Table 5.20: Acute Stroke Subarachnoid

Hospital	Cases	AE	AER	LCL	UCL
Adventist Health Bakersfield	7	3	0.429	0.158	0.750
Adventist Health Glendale	31	7	0.226	0.114	0.398
Adventist Health and Rideout	4	3	0.750	0.301	0.954
Alta Bates Summit Medical Center Alta Bates Campus	5	0	0.000	0.000	0.434
Antelope Valley Hospital	22	7	0.318	0.164	0.527
Arrowhead Regional Medical Center	20	10	0.500	0.299	0.701
Bakersfield Memorial Hospital	26	4	0.154	0.062	0.335
Beverly Hospital	8	3	0.375	0.137	0.694
California Pacific Medical Center Davies Campus Hospital	38	9	0.237	0.130	0.392
Cedars Sinai Medical Center	35	1	0.029	0.005	0.145
Centinela Hospital Medical Center	5	1	0.200	0.036	0.624
Community Regional Medical Center Fresno	63	12	0.190	0.112	0.304
Desert Regional Medical Center	26	7	0.269	0.137	0.461
Doctors Medical Center	56	12	0.214	0.127	0.338
Dominican Hospital	5	3	0.600	0.231	0.882
Eden Medical Center	44	12	0.273	0.163	0.418
Eisenhower Medical Center	13	2	0.154	0.043	0.422
El Camino Health	7	3	0.429	0.158	0.750
Emanate Health Foothill Presbyterian Hospital	3	0	0.000	0.000	0.561
Emanate Health Inter Community Hospital	5	3	0.600	0.231	0.882
Emanate Health Queen of the Valley Hospital	11	3	0.273	0.097	0.566
Enloe Medical Center? Esplanade	4	1	0.250	0.046	0.699
Fountain Valley Regional Hospital & Medical Center Euclid	19	9	0.474	0.273	0.683
Garfield Medical Center	14	5	0.357	0.163	0.612
Glendale Memorial Hospital and Health Center	3	0	0.000	0.000	0.561
Good Samaritan Hospital San Jose	22	4	0.182	0.073	0.385
Grossmont Hospital	47	13	0.277	0.169	0.418
Henry Mayo Newhall Hospital	10	4	0.400	0.168	0.687
Highland Hospital	7	2	0.286	0.082	0.641
Hoag Memorial Hospital Presbyterian	20	5	0.250	0.112	0.469
Huntington Hospital	17	5	0.294	0.133	0.531
John Muir Medical Center Walnut Creek Campus	44	17	0.386	0.257	0.534
Kaiser Foundation Hospital & Rehab Center Vallejo	5	0	0.000	0.000	0.434
Kaiser Foundation Hospital Antioch	3	1	0.333	0.061	0.792
Kaiser Foundation Hospital Baldwin Park	6	1	0.167	0.030	0.564

Hospital	Cases	AE	AER	LCL	UCL
Kaiser Foundation Hospital Downey	8	0	0.000	0.000	0.324
Kaiser Foundation Hospital Fontana	34	2	0.059	0.016	0.191
Kaiser Foundation Hospital Fremont	5	1	0.200	0.036	0.624
Kaiser Foundation Hospital Fresno	7	0	0.000	0.000	0.354
Kaiser Foundation Hospital Los Angeles	61	6	0.098	0.046	0.198
Kaiser Foundation Hospital Oakland/Richmond	11	2	0.182	0.051	0.477
Kaiser Foundation Hospital Orange County Anaheim	29	5	0.172	0.076	0.345
Kaiser Foundation Hospital Panorama City	3	1	0.333	0.061	0.792
Kaiser Foundation Hospital Redwood City	114	17	0.149	0.095	0.226
Kaiser Foundation Hospital Riverside	3	0	0.000	0.000	0.561
Kaiser Foundation Hospital Sacramento	48	10	0.208	0.117	0.343
Kaiser Foundation Hospital San Diego Zion	18	2	0.111	0.031	0.328
Kaiser Foundation Hospital San Francisco	10	1	0.100	0.018	0.404
Kaiser Foundation Hospital San Leandro	6	0	0.000	0.000	0.390
Kaiser Foundation Hospital San Rafael	4	0	0.000	0.000	0.490
Kaiser Foundation Hospital Santa Clara	6	2	0.333	0.097	0.700
Kaiser Foundation Hospital Santa Rosa	6	0	0.000	0.000	0.390
Kaiser Foundation Hospital South Bay	5	0	0.000	0.000	0.434
Kaiser Foundation Hospital South Sacramento	4	0	0.000	0.000	0.490
Kaiser Foundation Hospital South San Francisco	5	1	0.200	0.036	0.624
Kaiser Foundation Hospital Vacaville	4	1	0.250	0.046	0.699
Kaiser Foundation Hospital Walnut Creek	3	0	0.000	0.000	0.561
Kaiser Foundation Hospital Woodland Hills	4	0	0.000	0.000	0.490
Kaweah Health Medical Center	9	5	0.556	0.267	0.811
Keck Hospital of USC	79	15	0.190	0.119	0.290
Lakewood Regional Medical Center	16	5	0.312	0.142	0.556
Loma Linda University Medical Center	65	22	0.338	0.235	0.460
Loma Linda University Medical Center Murrieta	5	1	0.200	0.036	0.624
Los Alamitos Medical Center	16	4	0.250	0.102	0.495
Los Angeles County+USC Medical Center	29	12	0.414	0.255	0.593
Los Angeles County/Harbor UCLA Medical Center	17	4	0.235	0.096	0.473
Los Robles Hospital & Medical Center	29	1	0.034	0.006	0.172
Marian Regional Medical Center	5	1	0.200	0.036	0.624
MarinHealth Medical Center	5	2	0.400	0.118	0.769
Memorial Medical Center Modesto	5	1	0.200	0.036	0.624
MemorialCare Long Beach Medical Center	22	4	0.182	0.073	0.385
MemorialCare Saddleback Medical Center	12	6	0.500	0.254	0.746
Mercy Hospital Bakersfield	6	1	0.167	0.030	0.564
Mercy Medical Center Redding	20	4	0.200	0.081	0.416
Mercy San Juan Medical Center	61	20	0.328	0.223	0.453
Mills-Peninsula Medical Center	13	5	0.385	0.177	0.645
NorthBay Medical Center	3	1	0.333	0.061	0.792

Hospital	Cases	AE	AER	LCL	UCL
Northridge Hospital Medical Center	26	7	0.269	0.137	0.461
Orange County Global Medical Center	17	7	0.412	0.216	0.640
PIH Health Good Samaritan Hospital	38	6	0.158	0.074	0.304
PIH Health Hospital Whittier	37	13	0.351	0.218	0.512
Palmdale Regional Medical Center	4	2	0.500	0.150	0.850
Palomar Health Downtown Campus	12	2	0.167	0.047	0.448
Palomar Medical Center	5	2	0.400	0.118	0.769
Paradise Valley Hospital	3	1	0.333	0.061	0.792
Pomona Valley Hospital Medical Center	55	20	0.364	0.249	0.496
Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center	15	3	0.200	0.070	0.452
Providence Cedars Sinai Tarzana Medical Center	5	3	0.600	0.231	0.882
Providence Holy Cross Medical Center	16	6	0.375	0.185	0.614
Providence Little Company of Mary Medical Center Torrance	30	7	0.233	0.118	0.409
Providence Mission Hospital	23	3	0.130	0.045	0.321
Providence Saint John's Health Center	13	8	0.615	0.355	0.823
Providence Saint Joseph Medical Center	30	7	0.233	0.118	0.409
Providence Santa Rosa Memorial Hospital Montgomery	6	3	0.500	0.188	0.812
Providence St. Joseph Hospital	10	2	0.200	0.057	0.510
Providence St. Jude Medical Center	52	15	0.288	0.183	0.423
Redlands Community Hospital	12	3	0.250	0.089	0.532
Regional Medical Center of San Jose	43	7	0.163	0.081	0.300
Riverside Community Hospital	61	11	0.180	0.104	0.295
Riverside University Health System Medical Center	3	0	0.000	0.000	0.561
Ronald Reagan UCLA Medical Center	27	4	0.148	0.059	0.325
Salinas Valley Health Medical Center	5	2	0.400	0.118	0.769
San Antonio Regional Hospital	10	4	0.400	0.168	0.687
Santa Barbara Cottage Hospital	38	5	0.132	0.058	0.273
Santa Clara Valley Medical Center	14	4	0.286	0.117	0.546
Scripps Green Hospital	3	0	0.000	0.000	0.561
Scripps Memorial Hospital Encinitas	4	1	0.250	0.046	0.699
Scripps Memorial Hospital La Jolla	47	8	0.170	0.089	0.301
Scripps Mercy Hospital	20	5	0.250	0.112	0.469
Sharp Chula Vista Medical Center	8	5	0.625	0.306	0.863
Sharp Memorial Hospital	7	5	0.714	0.359	0.918
Southwest Healthcare System Murrieta	10	1	0.100	0.018	0.404
St. Bernardine Medical Center	6	3	0.500	0.188	0.812
St. Francis Medical Center	8	2	0.250	0.071	0.591
St. John's Hospital Camarillo	5	1	0.200	0.036	0.624
St. John's Regional Medical Center	22	4	0.182	0.073	0.385
St. Joseph's Medical Center of Stockton	3	2	0.667	0.208	0.939

Hospital	Cases	AE	AER	LCL	UCL
St. Mary Medical Center Long Beach	21	4	0.190	0.077	0.400
Stanford Health Care	110	15	0.136	0.084	0.213
Sutter Medical Center Sacramento	19	4	0.211	0.085	0.433
Sutter Roseville Medical Center	7	1	0.143	0.026	0.513
Temecula Valley Hospital	26	12	0.462	0.288	0.645
Torrance Memorial Medical Center	20	8	0.400	0.219	0.613
Tri-City Medical Center	3	0	0.000	0.000	0.561
UC Davis Medical Center	57	7	0.123	0.061	0.232
UC Irvine Medical Center	38	4	0.105	0.042	0.241
UC San Diego Health Hillcrest Hillcrest Medical Center	48	6	0.125	0.059	0.247
UC San Francisco Medical Center	74	10	0.135	0.075	0.231
USC Arcadia Hospital	15	6	0.400	0.198	0.643
Washington Hospital Fremont	16	4	0.250	0.102	0.495
West Hills Hospital and Medical Center	9	0	0.000	0.000	0.299

5.7.5 Summary

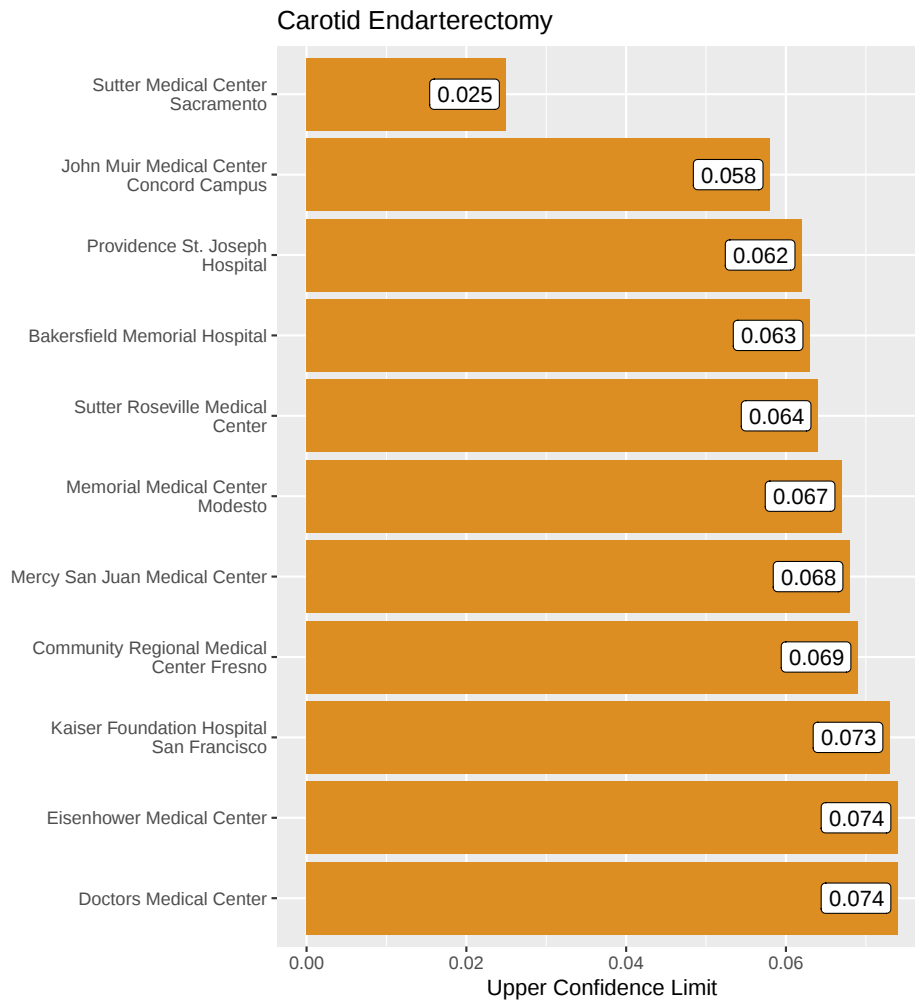
Table 5.21: Acute Stroke Subarachnoid

Hospitals	Cases.tot	AE.tot	AER.avg	AER.se	UCL.avg	UCL.se
131	2686	612	0.249	0.015	0.527	0.016

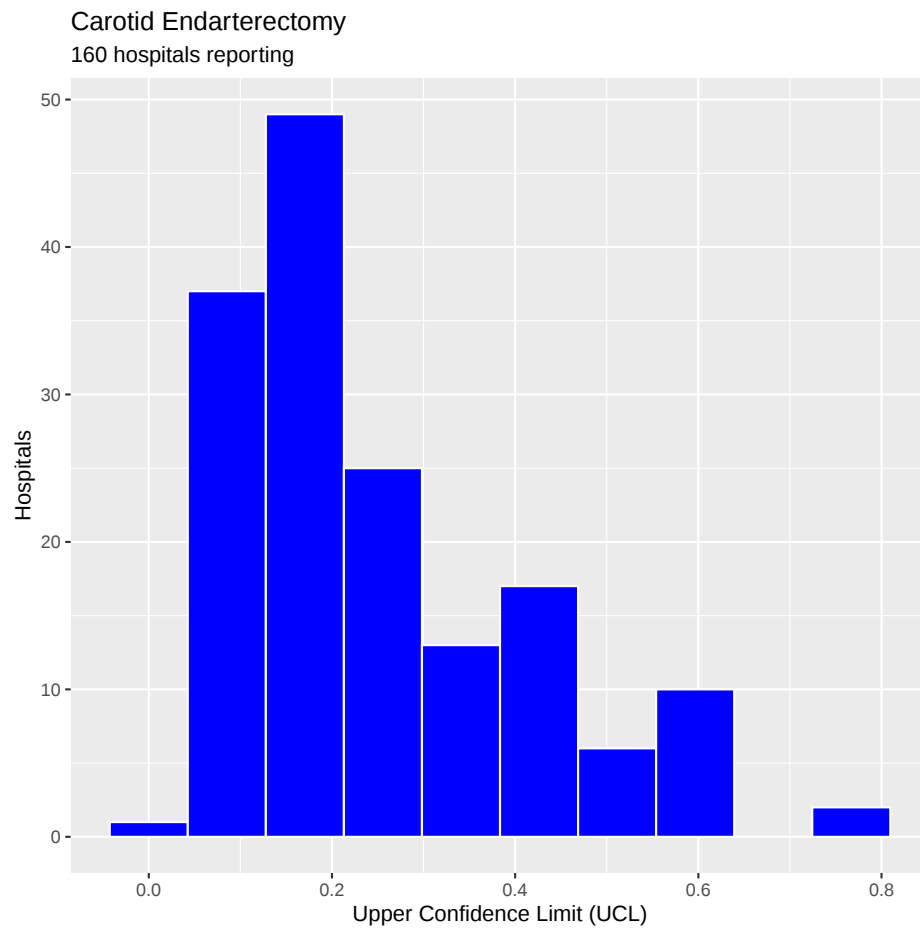
- **Cases.tot:** The total number of cases
- **AE.tot:** The total number of adverse events
- **AER.avg:** The average or arithmetic mean of the Adverse Event Rate for all hospitals.
 - Note: AER.avg is the average of the individual hospital AER values.
 - The Acute Stroke Subarachnoid AER rate for all hospitals is $AE.tot/Cases.tot$ and is equal to 0.228.
- **AER.se:** The AER.avg standard error.
- **UCL.avg:** The average or arithmetic mean of the Upper Confidence Limit (UCL) for all hospitals.
 - The UCL is important to compare the relative performance of hospitals reporting zero Adverse Events.
- **UCL.se:** The UCL.avg standard error

5.8 Carotid Endarterectomy

5.8.1 Ten Lowest Upper Confidence Limits (UCL) bar chart



5.8.2 Upper Confidence Limit (UCL) Histogram



5.8.3 Upper Confidence Limit (UCL) Listing

Hospitals listed in UCL ascending order:

Table 5.22: Carotid Endarterectomy

Hospital	Cases	AE	AER	LCL	UCL
Sutter Medical Center Sacramento	151	0	0.000	0.000	0.025
John Muir Medical Center Concord Campus	62	0	0.000	0.000	0.058
Providence St. Joseph Hospital	58	0	0.000	0.000	0.062
Bakersfield Memorial Hospital	57	0	0.000	0.000	0.063
Sutter Roseville Medical Center	56	0	0.000	0.000	0.064
Memorial Medical Center Modesto	81	1	0.012	0.002	0.067
Mercy San Juan Medical Center	53	0	0.000	0.000	0.068
Community Regional Medical Center Fresno	78	1	0.013	0.002	0.069
Kaiser Foundation Hospital San Francisco	49	0	0.000	0.000	0.073
Doctors Medical Center	73	1	0.014	0.002	0.074
Eisenhower Medical Center	48	0	0.000	0.000	0.074
Kaiser Foundation Hospital San Diego Zion	46	0	0.000	0.000	0.077
El Camino Health	41	0	0.000	0.000	0.086
Enloe Medical Center? Esplanade	41	0	0.000	0.000	0.086
Hoag Memorial Hospital Presbyterian	41	0	0.000	0.000	0.086
Sequoia Hospital	40	0	0.000	0.000	0.088
UC San Diego Health Hillcrest Hillcrest Medical Center	40	0	0.000	0.000	0.088
Grossmont Hospital	36	0	0.000	0.000	0.096
Kaiser Foundation Hospital Fontana	36	0	0.000	0.000	0.096
Southwest Healthcare System Murrieta	35	0	0.000	0.000	0.099
Cedars Sinai Medical Center	67	2	0.030	0.008	0.102
Community Memorial Hospital San Buenaventura	34	0	0.000	0.000	0.102
Kaiser Foundation Hospital Orange County Anaheim	34	0	0.000	0.000	0.102
MemorialCare Saddleback Medical Center	33	0	0.000	0.000	0.104
Providence St. Joseph Hospital Eureka	33	0	0.000	0.000	0.104
Adventist Health and Rideout	32	0	0.000	0.000	0.107
Scripps Memorial Hospital La Jolla	31	0	0.000	0.000	0.110
UC San Francisco Medical Center	31	0	0.000	0.000	0.110
Kaweah Health Medical Center	46	1	0.022	0.004	0.113
Palomar Health Downtown Campus	30	0	0.000	0.000	0.114
Kaiser Foundation Hospital Manteca	45	1	0.022	0.004	0.116
California Pacific Medical Center Van Ness Campus	29	0	0.000	0.000	0.117
Kaiser Foundation Hospital Roseville	29	0	0.000	0.000	0.117
Stanford Health Care	44	1	0.023	0.004	0.118
Kaiser Foundation Hospital Walnut Creek	27	0	0.000	0.000	0.125

Hospital	Cases	AE	AER	LCL	UCL
MarinHealth Medical Center	27	0	0.000	0.000	0.125
Mills-Peninsula Medical Center	27	0	0.000	0.000	0.125
San Antonio Regional Hospital	27	0	0.000	0.000	0.125
Kaiser Foundation Hospital Woodland Hills	26	0	0.000	0.000	0.129
Palomar Medical Center	26	0	0.000	0.000	0.129
Adventist Health Bakersfield	24	0	0.000	0.000	0.138
Community Hospital of the Monterey Peninsula	24	0	0.000	0.000	0.138
Kaiser Foundation Hospital South Bay	24	0	0.000	0.000	0.138
Loma Linda University Medical Center	24	0	0.000	0.000	0.138
Providence Cedars Sinai Tarzana Medical Center	37	1	0.027	0.005	0.138
Salinas Valley Health Medical Center	24	0	0.000	0.000	0.138
Adventist Health St. Helena	23	0	0.000	0.000	0.143
Mercy Medical Center Redding	23	0	0.000	0.000	0.143
Providence Holy Cross Medical Center	23	0	0.000	0.000	0.143
Temecula Valley Hospital	23	0	0.000	0.000	0.143
Tri-City Medical Center	23	0	0.000	0.000	0.143
AHMC Anaheim Regional Medical Center	22	0	0.000	0.000	0.149
Providence Mission Hospital	22	0	0.000	0.000	0.149
St. John's Regional Medical Center	22	0	0.000	0.000	0.149
Desert Regional Medical Center	21	0	0.000	0.000	0.155
Kaiser Foundation Hospital Sacramento	21	0	0.000	0.000	0.155
Scripps Mercy Hospital	43	2	0.047	0.013	0.155
Sharp Chula Vista Medical Center	21	0	0.000	0.000	0.155
Stanford Health Care Tri-Valley	21	0	0.000	0.000	0.155
Torrance Memorial Medical Center	21	0	0.000	0.000	0.155
UC Davis Medical Center	21	0	0.000	0.000	0.155
Garfield Medical Center	20	0	0.000	0.000	0.161
Kaiser Foundation Hospital Redwood City	20	0	0.000	0.000	0.161
Providence St. Jude Medical Center	20	0	0.000	0.000	0.161
Providence Saint Joseph Medical Center	30	1	0.033	0.006	0.167
Keck Hospital of USC	19	0	0.000	0.000	0.168
Santa Barbara Cottage Hospital	19	0	0.000	0.000	0.168
NorthBay Medical Center	18	0	0.000	0.000	0.176
Santa Clara Valley Medical Center	18	0	0.000	0.000	0.176
Scripps Memorial Hospital Encinitas	18	0	0.000	0.000	0.176
St. Mary Medical Center Apple Valley	18	0	0.000	0.000	0.176
St. Joseph's Medical Center of Stockton	27	1	0.037	0.007	0.183
Good Samaritan Hospital San Jose	17	0	0.000	0.000	0.184
Kaiser Foundation Hospital & Rehab Center Vallejo	17	0	0.000	0.000	0.184
Kaiser Foundation Hospital Los Angeles	17	0	0.000	0.000	0.184
Scripps Green Hospital	17	0	0.000	0.000	0.184
St. Mary's Medical Center	17	0	0.000	0.000	0.184
Riverside Community Hospital	26	1	0.038	0.007	0.189

Hospital	Cases	AE	AER	LCL	UCL
French Hospital Medical Center	16	0	0.000	0.000	0.194
Highland Hospital	16	0	0.000	0.000	0.194
Kaiser Foundation Hospital Baldwin Park	16	0	0.000	0.000	0.194
Kaiser Foundation Hospital Santa Rosa	16	0	0.000	0.000	0.194
Kaiser Foundation Hospital Downey	15	0	0.000	0.000	0.204
Los Alamitos Medical Center	15	0	0.000	0.000	0.204
Washington Hospital Fremont	15	0	0.000	0.000	0.204
Loma Linda University Medical Center Murrieta	23	1	0.043	0.008	0.210
Sharp Memorial Hospital	23	1	0.043	0.008	0.210
Dominican Hospital	14	0	0.000	0.000	0.215
Centinela Hospital Medical Center	22	1	0.045	0.008	0.218
Kaiser Foundation Hospital Riverside	21	1	0.048	0.008	0.227
Adventist Health Glendale	13	0	0.000	0.000	0.228
Kaiser Foundation Hospital Panorama City	13	0	0.000	0.000	0.228
Lakewood Regional Medical Center	13	0	0.000	0.000	0.228
Alta Bates Summit Medical Center	12	0	0.000	0.000	0.242
Los Angeles County+USC Medical Center	12	0	0.000	0.000	0.242
Marian Regional Medical Center	12	0	0.000	0.000	0.242
Mercy General Hospital	12	0	0.000	0.000	0.242
Shasta Regional Medical Center	19	1	0.053	0.009	0.246
MemorialCare Long Beach Medical Center	25	2	0.080	0.022	0.250
Pomona Valley Hospital Medical Center	18	1	0.056	0.010	0.258
Fountain Valley Regional Hospital & Medical Center Euclid	11	0	0.000	0.000	0.259
Providence Queen of the Valley Medical Center	11	0	0.000	0.000	0.259
PIH Health Hospital Whittier	17	1	0.059	0.010	0.270
Glendale Memorial Hospital and Health Center	10	0	0.000	0.000	0.278
Huntington Hospital	10	0	0.000	0.000	0.278
Kaiser Foundation Hospital Fresno	10	0	0.000	0.000	0.278
Kaiser Foundation Hospital Oakland/Richmond	10	0	0.000	0.000	0.278
Kaiser Foundation Hospital San Jose	10	0	0.000	0.000	0.278
Northridge Hospital Medical Center	10	0	0.000	0.000	0.278
Oroville Hospital	10	0	0.000	0.000	0.278
Tenet Health Central Coast Sierra Vista Regional Medical Center	10	0	0.000	0.000	0.278
Providence Santa Rosa Memorial Hospital Montgomery	16	1	0.062	0.011	0.283
Bakersfield Heart Hospital	9	0	0.000	0.000	0.299
Eden Medical Center	9	0	0.000	0.000	0.299
Los Robles Hospital & Medical Center	9	0	0.000	0.000	0.299
Providence Saint John's Health Center	9	0	0.000	0.000	0.299
USC Arcadia Hospital	9	0	0.000	0.000	0.299
Marian Regional Medical Center Arroyo Grande	8	0	0.000	0.000	0.324
Redlands Community Hospital	8	0	0.000	0.000	0.324

Hospital	Cases	AE	AER	LCL	UCL
Ronald Reagan UCLA Medical Center	8	0	0.000	0.000	0.324
Southern California Hospital at Culver City	8	0	0.000	0.000	0.324
West Anaheim Medical Center	8	0	0.000	0.000	0.324
Kaiser Foundation Hospital Santa Clara	13	1	0.077	0.014	0.333
Arrowhead Regional Medical Center	7	0	0.000	0.000	0.354
Palmdale Regional Medical Center	7	0	0.000	0.000	0.354
Adventist Health White Memorial	6	0	0.000	0.000	0.390
Corona Regional Medical Center Main	6	0	0.000	0.000	0.390
Henry Mayo Newhall Hospital	6	0	0.000	0.000	0.390
O'Connor Hospital	6	0	0.000	0.000	0.390
Providence Little Company of Mary Medical Center Torrance	6	0	0.000	0.000	0.390
St. Bernardine Medical Center	6	0	0.000	0.000	0.390
UC Irvine Medical Center	6	0	0.000	0.000	0.390
Antelope Valley Hospital	5	0	0.000	0.000	0.434
Dameron Hospital	5	0	0.000	0.000	0.434
Kaiser Foundation Hospital West LA	5	0	0.000	0.000	0.434
Los Angeles County Olive View UCLA Medical Center	5	0	0.000	0.000	0.434
MemorialCare Orange Coast Medical Center	5	0	0.000	0.000	0.434
Menifee Global Medical Center	5	0	0.000	0.000	0.434
Regional Medical Center of San Jose	5	0	0.000	0.000	0.434
Saint Agnes Medical Center	5	0	0.000	0.000	0.434
Sutter Auburn Faith Hospital	5	0	0.000	0.000	0.434
Kaiser Foundation Hospital South Sacramento	9	1	0.111	0.020	0.435
California Hospital Medical Center Los Angeles	4	0	0.000	0.000	0.490
California Pacific Medical Center Mission Bernal Campus	4	0	0.000	0.000	0.490
Kern Medical Center	4	0	0.000	0.000	0.490
Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center	4	0	0.000	0.000	0.490
San Joaquin General Hospital	4	0	0.000	0.000	0.490
Valley Presbyterian Hospital	4	0	0.000	0.000	0.490
Adventist Health Hanford	3	0	0.000	0.000	0.561
Emanate Health Inter Community Hospital	3	0	0.000	0.000	0.561
Emanuel Medical Center	3	0	0.000	0.000	0.561
Kaiser Foundation Hospital San Rafael	3	0	0.000	0.000	0.561
Los Angeles County/Harbor UCLA Medical Center	3	0	0.000	0.000	0.561
Orange County Global Medical Center	3	0	0.000	0.000	0.561
PIH Health Good Samaritan Hospital	3	0	0.000	0.000	0.561
Placentia Linda Hospital	3	0	0.000	0.000	0.561
San Ramon Regional Medical Center	3	0	0.000	0.000	0.561
Sutter Santa Rosa Regional Hospital	3	0	0.000	0.000	0.561

Hospital	Cases	AE	AER	LCL	UCL
Beverly Hospital	3	1	0.333	0.061	0.792
St. Francis Medical Center	3	1	0.333	0.061	0.792

5.8.4 Hospital Data Table

Table 5.23: Carotid Endarterectomy

Hospital	Cases	AE	AER	LCL	UCL
AHMC Anaheim Regional Medical Center	22	0	0.000	0.000	0.149
Adventist Health Bakersfield	24	0	0.000	0.000	0.138
Adventist Health Glendale	13	0	0.000	0.000	0.228
Adventist Health Hanford	3	0	0.000	0.000	0.561
Adventist Health St. Helena	23	0	0.000	0.000	0.143
Adventist Health White Memorial	6	0	0.000	0.000	0.390
Adventist Health and Rideout	32	0	0.000	0.000	0.107
Alta Bates Summit Medical Center	12	0	0.000	0.000	0.242
Antelope Valley Hospital	5	0	0.000	0.000	0.434
Arrowhead Regional Medical Center	7	0	0.000	0.000	0.354
Bakersfield Heart Hospital	9	0	0.000	0.000	0.299
Bakersfield Memorial Hospital	57	0	0.000	0.000	0.063
Beverly Hospital	3	1	0.333	0.061	0.792
California Hospital Medical Center Los Angeles	4	0	0.000	0.000	0.490
California Pacific Medical Center Mission Bernal Campus	4	0	0.000	0.000	0.490
California Pacific Medical Center Van Ness Campus	29	0	0.000	0.000	0.117
Cedars Sinai Medical Center	67	2	0.030	0.008	0.102
Centinela Hospital Medical Center	22	1	0.045	0.008	0.218
Community Hospital of the Monterey Peninsula	24	0	0.000	0.000	0.138
Community Memorial Hospital San Buenaventura	34	0	0.000	0.000	0.102
Community Regional Medical Center Fresno	78	1	0.013	0.002	0.069
Corona Regional Medical Center Main	6	0	0.000	0.000	0.390
Dameron Hospital	5	0	0.000	0.000	0.434
Desert Regional Medical Center	21	0	0.000	0.000	0.155
Doctors Medical Center	73	1	0.014	0.002	0.074
Dominican Hospital	14	0	0.000	0.000	0.215
Eden Medical Center	9	0	0.000	0.000	0.299
Eisenhower Medical Center	48	0	0.000	0.000	0.074
El Camino Health	41	0	0.000	0.000	0.086
Emanate Health Inter Community Hospital	3	0	0.000	0.000	0.561
Emanuel Medical Center	3	0	0.000	0.000	0.561
Enloe Medical Center? Esplanade	41	0	0.000	0.000	0.086
Fountain Valley Regional Hospital & Medical Center Euclid	11	0	0.000	0.000	0.259
French Hospital Medical Center	16	0	0.000	0.000	0.194
Garfield Medical Center	20	0	0.000	0.000	0.161
Glendale Memorial Hospital and Health Center	10	0	0.000	0.000	0.278

Hospital	Cases	AE	AER	LCL	UCL
Good Samaritan Hospital San Jose	17	0	0.000	0.000	0.184
Grossmont Hospital	36	0	0.000	0.000	0.096
Henry Mayo Newhall Hospital	6	0	0.000	0.000	0.390
Highland Hospital	16	0	0.000	0.000	0.194
Hoag Memorial Hospital Presbyterian	41	0	0.000	0.000	0.086
Huntington Hospital	10	0	0.000	0.000	0.278
John Muir Medical Center Concord Campus	62	0	0.000	0.000	0.058
Kaiser Foundation Hospital & Rehab Center Vallejo	17	0	0.000	0.000	0.184
Kaiser Foundation Hospital Baldwin Park	16	0	0.000	0.000	0.194
Kaiser Foundation Hospital Downey	15	0	0.000	0.000	0.204
Kaiser Foundation Hospital Fontana	36	0	0.000	0.000	0.096
Kaiser Foundation Hospital Fresno	10	0	0.000	0.000	0.278
Kaiser Foundation Hospital Los Angeles	17	0	0.000	0.000	0.184
Kaiser Foundation Hospital Manteca	45	1	0.022	0.004	0.116
Kaiser Foundation Hospital Oakland/Richmond	10	0	0.000	0.000	0.278
Kaiser Foundation Hospital Orange County Anaheim	34	0	0.000	0.000	0.102
Kaiser Foundation Hospital Panorama City	13	0	0.000	0.000	0.228
Kaiser Foundation Hospital Redwood City	20	0	0.000	0.000	0.161
Kaiser Foundation Hospital Riverside	21	1	0.048	0.008	0.227
Kaiser Foundation Hospital Roseville	29	0	0.000	0.000	0.117
Kaiser Foundation Hospital Sacramento	21	0	0.000	0.000	0.155
Kaiser Foundation Hospital San Diego Zion	46	0	0.000	0.000	0.077
Kaiser Foundation Hospital San Francisco	49	0	0.000	0.000	0.073
Kaiser Foundation Hospital San Jose	10	0	0.000	0.000	0.278
Kaiser Foundation Hospital San Rafael	3	0	0.000	0.000	0.561
Kaiser Foundation Hospital Santa Clara	13	1	0.077	0.014	0.333
Kaiser Foundation Hospital Santa Rosa	16	0	0.000	0.000	0.194
Kaiser Foundation Hospital South Bay	24	0	0.000	0.000	0.138
Kaiser Foundation Hospital South Sacramento	9	1	0.111	0.020	0.435
Kaiser Foundation Hospital Walnut Creek	27	0	0.000	0.000	0.125
Kaiser Foundation Hospital West LA	5	0	0.000	0.000	0.434
Kaiser Foundation Hospital Woodland Hills	26	0	0.000	0.000	0.129
Kaweah Health Medical Center	46	1	0.022	0.004	0.113
Keck Hospital of USC	19	0	0.000	0.000	0.168
Kern Medical Center	4	0	0.000	0.000	0.490
Lakewood Regional Medical Center	13	0	0.000	0.000	0.228
Loma Linda University Medical Center	24	0	0.000	0.000	0.138
Loma Linda University Medical Center Murrieta	23	1	0.043	0.008	0.210
Los Alamitos Medical Center	15	0	0.000	0.000	0.204
Los Angeles County Olive View UCLA Medical Center	5	0	0.000	0.000	0.434
Los Angeles County+USC Medical Center	12	0	0.000	0.000	0.242

Hospital	Cases	AE	AER	LCL	UCL
Los Angeles County/Harbor UCLA Medical Center	3	0	0.000	0.000	0.561
Los Robles Hospital & Medical Center	9	0	0.000	0.000	0.299
Marian Regional Medical Center	12	0	0.000	0.000	0.242
Marian Regional Medical Center Arroyo Grande	8	0	0.000	0.000	0.324
MarinHealth Medical Center	27	0	0.000	0.000	0.125
Memorial Medical Center Modesto	81	1	0.012	0.002	0.067
MemorialCare Long Beach Medical Center	25	2	0.080	0.022	0.250
MemorialCare Orange Coast Medical Center	5	0	0.000	0.000	0.434
MemorialCare Saddleback Medical Center	33	0	0.000	0.000	0.104
Menifee Global Medical Center	5	0	0.000	0.000	0.434
Mercy General Hospital	12	0	0.000	0.000	0.242
Mercy Medical Center Redding	23	0	0.000	0.000	0.143
Mercy San Juan Medical Center	53	0	0.000	0.000	0.068
Mills-Peninsula Medical Center	27	0	0.000	0.000	0.125
NorthBay Medical Center	18	0	0.000	0.000	0.176
Northridge Hospital Medical Center	10	0	0.000	0.000	0.278
O'Connor Hospital	6	0	0.000	0.000	0.390
Orange County Global Medical Center	3	0	0.000	0.000	0.561
Oroville Hospital	10	0	0.000	0.000	0.278
PIH Health Good Samaritan Hospital	3	0	0.000	0.000	0.561
PIH Health Hospital Whittier	17	1	0.059	0.010	0.270
Palmdale Regional Medical Center	7	0	0.000	0.000	0.354
Palomar Health Downtown Campus	30	0	0.000	0.000	0.114
Palomar Medical Center	26	0	0.000	0.000	0.129
Placentia Linda Hospital	3	0	0.000	0.000	0.561
Pomona Valley Hospital Medical Center	18	1	0.056	0.010	0.258
Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center	4	0	0.000	0.000	0.490
Providence Cedars Sinai Tarzana Medical Center	37	1	0.027	0.005	0.138
Providence Holy Cross Medical Center	23	0	0.000	0.000	0.143
Providence Little Company of Mary Medical Center Torrance	6	0	0.000	0.000	0.390
Providence Mission Hospital	22	0	0.000	0.000	0.149
Providence Queen of the Valley Medical Center	11	0	0.000	0.000	0.259
Providence Saint John's Health Center	9	0	0.000	0.000	0.299
Providence Saint Joseph Medical Center	30	1	0.033	0.006	0.167
Providence Santa Rosa Memorial Hospital Montgomery	16	1	0.062	0.011	0.283
Providence St. Joseph Hospital	58	0	0.000	0.000	0.062
Providence St. Joseph Hospital Eureka	33	0	0.000	0.000	0.104
Providence St. Jude Medical Center	20	0	0.000	0.000	0.161
Redlands Community Hospital	8	0	0.000	0.000	0.324
Regional Medical Center of San Jose	5	0	0.000	0.000	0.434

Hospital	Cases	AE	AER	LCL	UCL
Riverside Community Hospital	26	1	0.038	0.007	0.189
Ronald Reagan UCLA Medical Center	8	0	0.000	0.000	0.324
Saint Agnes Medical Center	5	0	0.000	0.000	0.434
Salinas Valley Health Medical Center	24	0	0.000	0.000	0.138
San Antonio Regional Hospital	27	0	0.000	0.000	0.125
San Joaquin General Hospital	4	0	0.000	0.000	0.490
San Ramon Regional Medical Center	3	0	0.000	0.000	0.561
Santa Barbara Cottage Hospital	19	0	0.000	0.000	0.168
Santa Clara Valley Medical Center	18	0	0.000	0.000	0.176
Scripps Green Hospital	17	0	0.000	0.000	0.184
Scripps Memorial Hospital Encinitas	18	0	0.000	0.000	0.176
Scripps Memorial Hospital La Jolla	31	0	0.000	0.000	0.110
Scripps Mercy Hospital	43	2	0.047	0.013	0.155
Sequoia Hospital	40	0	0.000	0.000	0.088
Sharp Chula Vista Medical Center	21	0	0.000	0.000	0.155
Sharp Memorial Hospital	23	1	0.043	0.008	0.210
Shasta Regional Medical Center	19	1	0.053	0.009	0.246
Southern California Hospital at Culver City	8	0	0.000	0.000	0.324
Southwest Healthcare System Murrieta	35	0	0.000	0.000	0.099
St. Bernardine Medical Center	6	0	0.000	0.000	0.390
St. Francis Medical Center	3	1	0.333	0.061	0.792
St. John's Regional Medical Center	22	0	0.000	0.000	0.149
St. Joseph's Medical Center of Stockton	27	1	0.037	0.007	0.183
St. Mary Medical Center Apple Valley	18	0	0.000	0.000	0.176
St. Mary's Medical Center	17	0	0.000	0.000	0.184
Stanford Health Care	44	1	0.023	0.004	0.118
Stanford Health Care Tri-Valley	21	0	0.000	0.000	0.155
Sutter Auburn Faith Hospital	5	0	0.000	0.000	0.434
Sutter Medical Center Sacramento	151	0	0.000	0.000	0.025
Sutter Roseville Medical Center	56	0	0.000	0.000	0.064
Sutter Santa Rosa Regional Hospital	3	0	0.000	0.000	0.561
Temecula Valley Hospital	23	0	0.000	0.000	0.143
Tenet Health Central Coast Sierra Vista Regional Medical Center	10	0	0.000	0.000	0.278
Torrance Memorial Medical Center	21	0	0.000	0.000	0.155
Tri-City Medical Center	23	0	0.000	0.000	0.143
UC Davis Medical Center	21	0	0.000	0.000	0.155
UC Irvine Medical Center	6	0	0.000	0.000	0.390
UC San Diego Health Hillcrest Hillcrest Medical Center	40	0	0.000	0.000	0.088
UC San Francisco Medical Center	31	0	0.000	0.000	0.110
USC Arcadia Hospital	9	0	0.000	0.000	0.299
Valley Presbyterian Hospital	4	0	0.000	0.000	0.490
Washington Hospital Fremont	15	0	0.000	0.000	0.204

Hospital	Cases	AE	AER	LCL	UCL
West Anaheim Medical Center	8	0	0.000	0.000	0.324

5.8.5 Summary

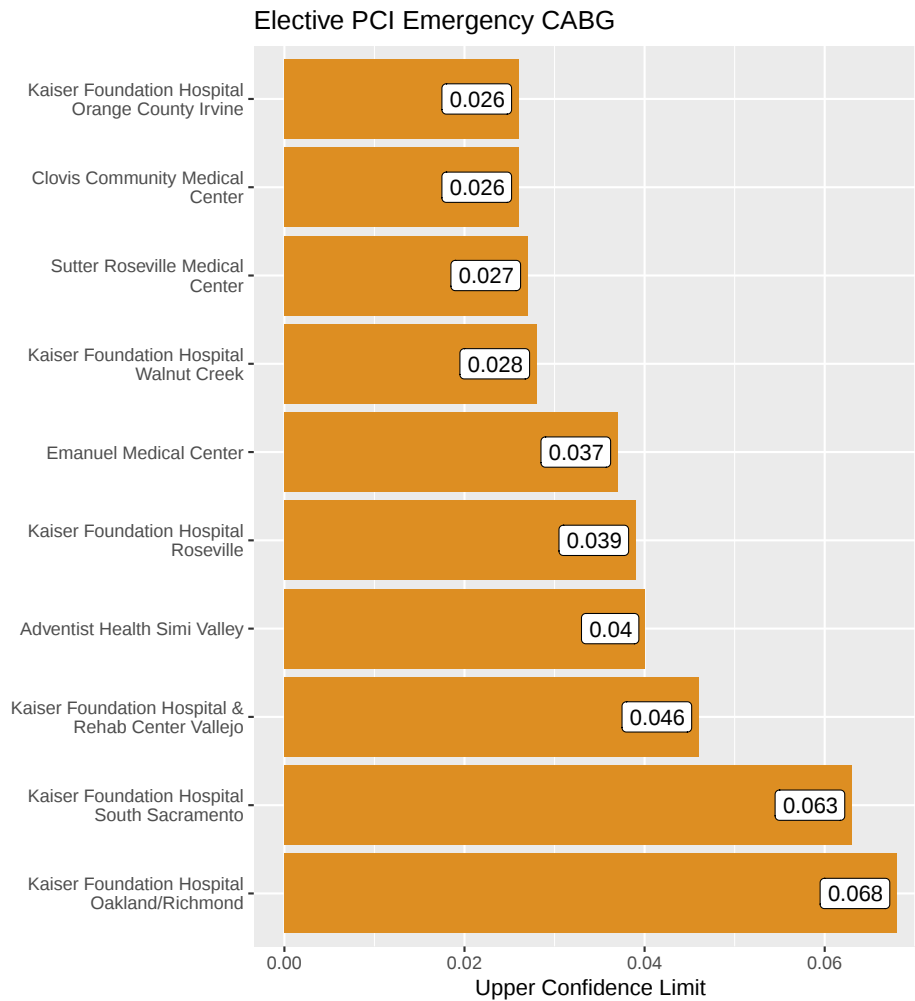
Table 5.24: Carotid Endarterectomy

Hospitals	Cases.tot	AE.tot	AER.avg	AER.se	UCL.avg	UCL.se
160	3409	28	0.01	0.003	0.246	0.012

- **Cases.tot:** The total number of cases
- **AE.tot:** The total number of adverse events
- **AER.avg:** The average or arithmetic mean of the Adverse Event Rate for all hospitals.
 - Note: AER.avg is the average of the individual hospital AER values.
 - The Carotid Endarterectomy AER rate for all hospitals is $AE.tot/Cases.tot$ and is equal to 0.008.
- **AER.se:** The AER.avg standard error.
- **UCL.avg:** The average or arithmetic mean of the Upper Confidence Limit (UCL) for all hospitals.
 - The UCL is important to compare the relative performance of hospitals reporting zero Adverse Events.
- **UCL.se:** The UCL.avg standard error

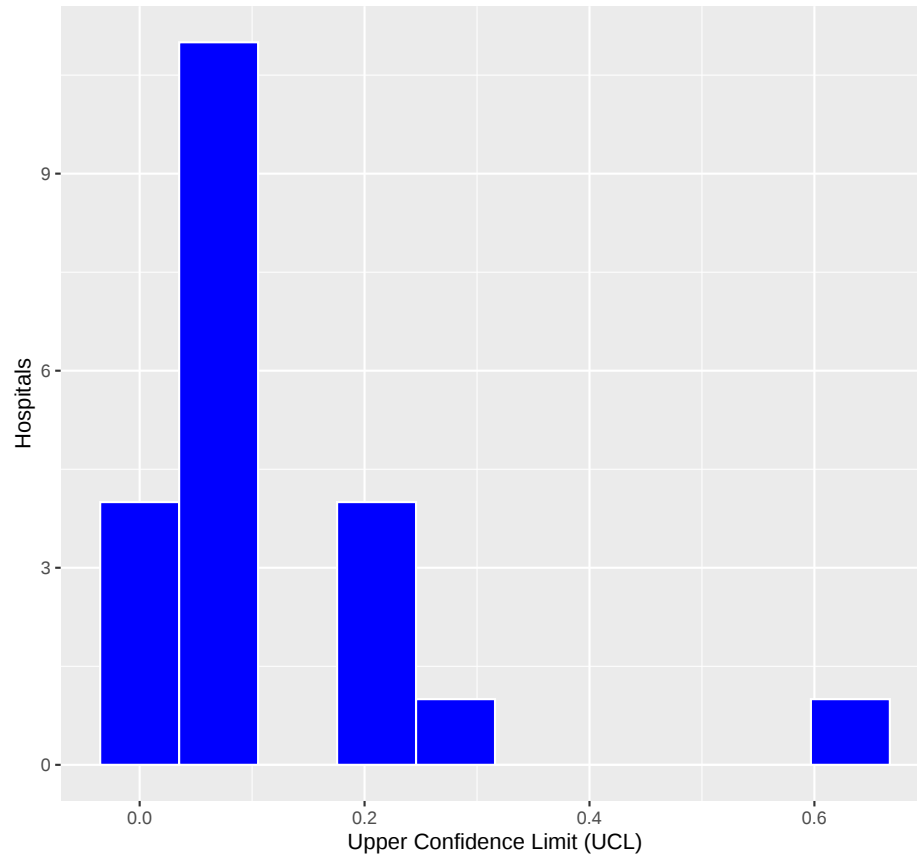
5.9 Elective PCI Emergency CABG

5.9.1 Ten Lowest Upper Confidence Limits (UCL) bar chart



5.9.2 Upper Confidence Limit (UCL) Histogram

Elective PCI Emergency CABG
21 hospitals reporting



5.9.3 Upper Confidence Limit (UCL) Listing

Hospitals listed in UCL ascending order:

Table 5.25: Elective PCI Emergency CABG

Hospital	Cases	AE	AER	LCL	UCL
Clovis Community Medical Center	218	1	0.005	0.001	0.026
Kaiser Foundation Hospital Orange County Irvine	144	0	0.000	0.000	0.026
Sutter Roseville Medical Center	141	0	0.000	0.000	0.027
Kaiser Foundation Hospital Walnut Creek	131	0	0.000	0.000	0.028
Emanuel Medical Center	100	0	0.000	0.000	0.037
Kaiser Foundation Hospital Roseville	95	0	0.000	0.000	0.039
Adventist Health Simi Valley	92	0	0.000	0.000	0.040
Kaiser Foundation Hospital & Rehab Center Vallejo	79	0	0.000	0.000	0.046
Kaiser Foundation Hospital South Sacramento	57	0	0.000	0.000	0.063
Kaiser Foundation Hospital Oakland/Richmond	53	0	0.000	0.000	0.068
Sierra View Medical Center	52	0	0.000	0.000	0.069
Sutter Delta Medical Center	51	0	0.000	0.000	0.070
Corona Regional Medical Center Main	49	0	0.000	0.000	0.073
Los Alamitos Medical Center	41	0	0.000	0.000	0.086
Desert Valley Hospital	35	0	0.000	0.000	0.099
Kaiser Foundation Hospital San Jose	15	0	0.000	0.000	0.204
Mercy Medical Center Merced	15	0	0.000	0.000	0.204
St. Rose Hospital	15	0	0.000	0.000	0.204
Highland Hospital	13	0	0.000	0.000	0.228
Kaiser Foundation Hospital Modesto	9	0	0.000	0.000	0.299
John F. Kennedy Memorial Hospital	2	0	0.000	0.000	0.658

5.9.4 Hospital Data Table

Table 5.26: Elective PCI Emergency CABG

Hospital	Cases	AE	AER	LCL	UCL
Adventist Health Simi Valley	92	0	0.000	0.000	0.040
Clovis Community Medical Center	218	1	0.005	0.001	0.026
Corona Regional Medical Center Main	49	0	0.000	0.000	0.073
Desert Valley Hospital	35	0	0.000	0.000	0.099
Emanuel Medical Center	100	0	0.000	0.000	0.037
Highland Hospital	13	0	0.000	0.000	0.228
John F. Kennedy Memorial Hospital	2	0	0.000	0.000	0.658
Kaiser Foundation Hospital & Rehab Center Vallejo	79	0	0.000	0.000	0.046
Kaiser Foundation Hospital Modesto	9	0	0.000	0.000	0.299
Kaiser Foundation Hospital Oakland/Richmond	53	0	0.000	0.000	0.068
Kaiser Foundation Hospital Orange County Irvine	144	0	0.000	0.000	0.026
Kaiser Foundation Hospital Roseville	95	0	0.000	0.000	0.039
Kaiser Foundation Hospital San Jose	15	0	0.000	0.000	0.204
Kaiser Foundation Hospital South Sacramento	57	0	0.000	0.000	0.063
Kaiser Foundation Hospital Walnut Creek	131	0	0.000	0.000	0.028
Los Alamitos Medical Center	41	0	0.000	0.000	0.086
Mercy Medical Center Merced	15	0	0.000	0.000	0.204
Sierra View Medical Center	52	0	0.000	0.000	0.069
St. Rose Hospital	15	0	0.000	0.000	0.204
Sutter Delta Medical Center	51	0	0.000	0.000	0.070
Sutter Roseville Medical Center	141	0	0.000	0.000	0.027

5.9.5 Summary

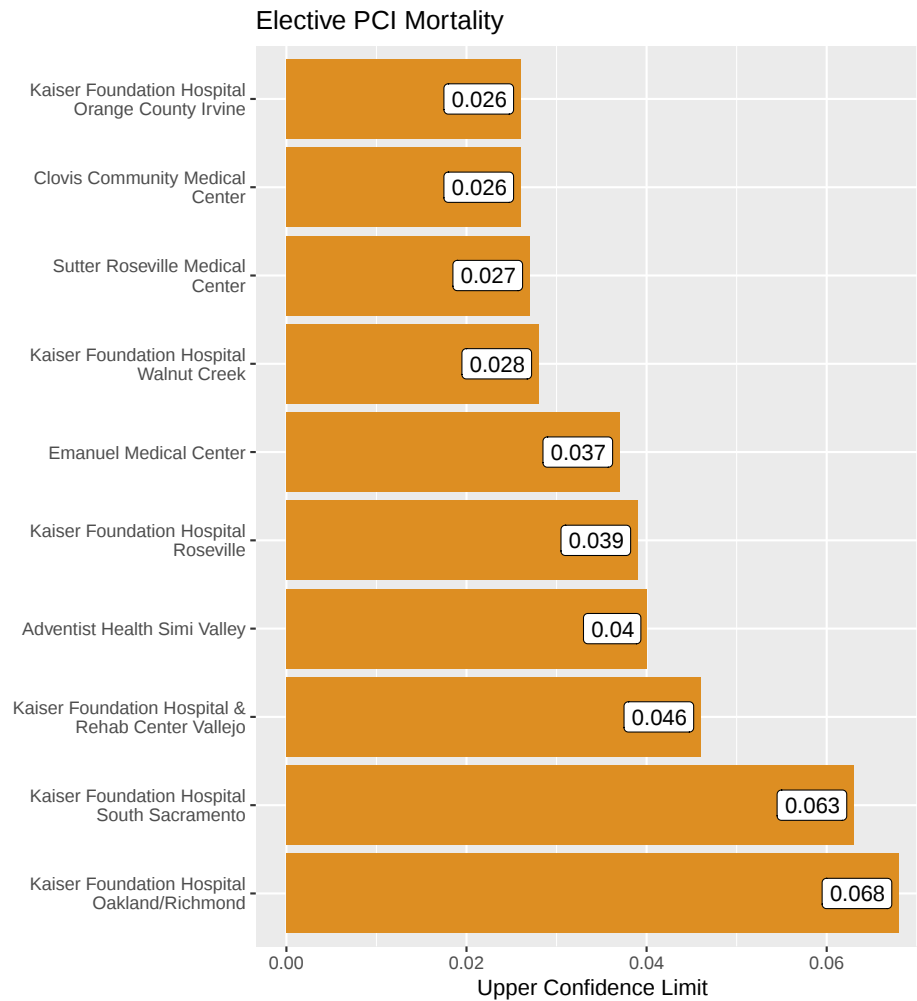
Table 5.27: Elective PCI Emergency CABG

Hospitals	Cases.tot	AE.tot	AER.avg	AER.se	UCL.avg	UCL.se
21	1407	1	0	0	0.124	0.032

- **Cases.tot:** The total number of cases
- **AE.tot:** The total number of adverse events
- **AER.avg:** The average or arithmetic mean of the Adverse Event Rate for all hospitals.
 - Note: AER.avg is the average of the individual hospital AER values.
 - The Elective PCI Emergency CABG AER rate for all hospitals is $AE.tot/Cases.tot$ and is equal to 0.001.
- **AER.se:** The AER.avg standard error.
- **UCL.avg:** The average or arithmetic mean of the Upper Confidence Limit (UCL) for all hospitals.
 - The UCL is important to compare the relative performance of hospitals reporting zero Adverse Events.
- **UCL.se:** The UCL.avg standard error

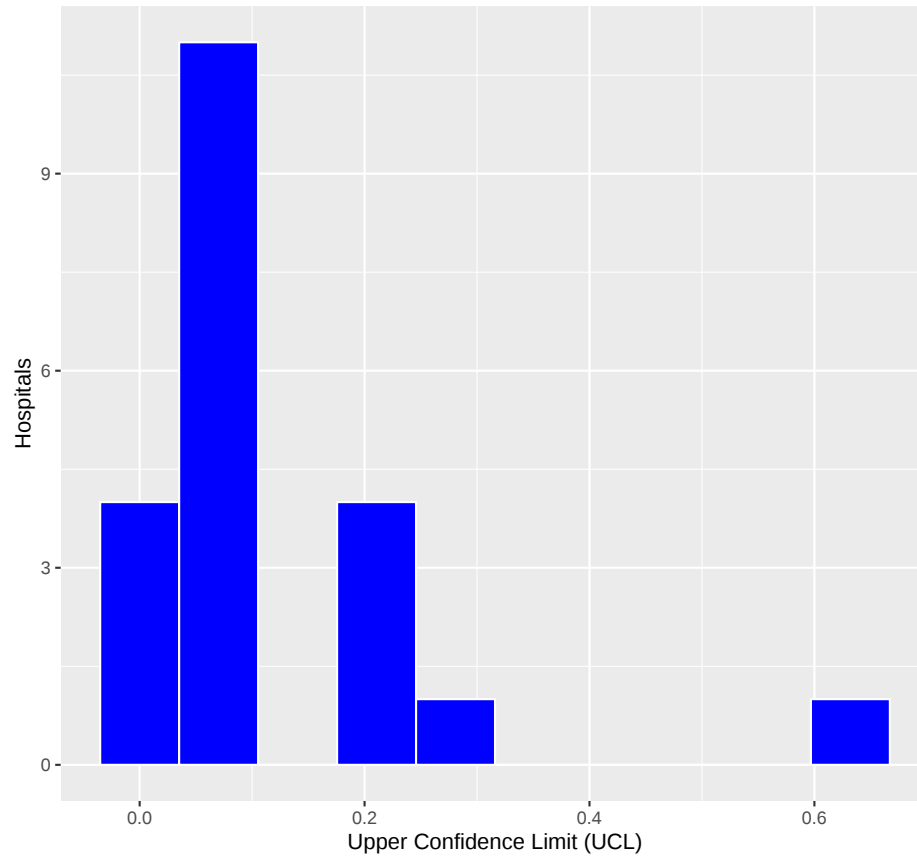
5.10 Elective PCI Mortality

5.10.1 Ten Lowest Upper Confidence Limits (UCL) bar chart



5.10.2 Upper Confidence Limit (UCL) Histogram

Elective PCI Mortality
21 hospitals reporting



5.10.3 Upper Confidence Limit (UCL) Listing

Hospitals listed in UCL ascending order:

Table 5.28: Elective PCI Mortality

Hospital	Cases	AE	AER	LCL	UCL
Clovis Community Medical Center	218	1	0.005	0.001	0.026
Kaiser Foundation Hospital Orange County Irvine	144	0	0.000	0.000	0.026
Sutter Roseville Medical Center	141	0	0.000	0.000	0.027
Kaiser Foundation Hospital Walnut Creek	131	0	0.000	0.000	0.028
Emanuel Medical Center	100	0	0.000	0.000	0.037
Kaiser Foundation Hospital Roseville	95	0	0.000	0.000	0.039
Adventist Health Simi Valley	92	0	0.000	0.000	0.040
Kaiser Foundation Hospital & Rehab Center Vallejo	79	0	0.000	0.000	0.046
Kaiser Foundation Hospital South Sacramento	57	0	0.000	0.000	0.063
Kaiser Foundation Hospital Oakland/Richmond	53	0	0.000	0.000	0.068
Sierra View Medical Center	52	0	0.000	0.000	0.069
Sutter Delta Medical Center	51	0	0.000	0.000	0.070
Corona Regional Medical Center Main	49	0	0.000	0.000	0.073
Los Alamitos Medical Center	41	0	0.000	0.000	0.086
Desert Valley Hospital	35	0	0.000	0.000	0.099
Kaiser Foundation Hospital San Jose	15	0	0.000	0.000	0.204
Mercy Medical Center Merced	15	0	0.000	0.000	0.204
St. Rose Hospital	15	0	0.000	0.000	0.204
Highland Hospital	13	0	0.000	0.000	0.228
Kaiser Foundation Hospital Modesto	9	0	0.000	0.000	0.299
John F. Kennedy Memorial Hospital	2	0	0.000	0.000	0.658

5.10.4 Hospital Data Table

Table 5.29: Elective PCI Mortality

Hospital	Cases	AE	AER	LCL	UCL
Adventist Health Simi Valley	92	0	0.000	0.000	0.040
Clovis Community Medical Center	218	1	0.005	0.001	0.026
Corona Regional Medical Center Main	49	0	0.000	0.000	0.073
Desert Valley Hospital	35	0	0.000	0.000	0.099
Emanuel Medical Center	100	0	0.000	0.000	0.037
Highland Hospital	13	0	0.000	0.000	0.228
John F. Kennedy Memorial Hospital	2	0	0.000	0.000	0.658
Kaiser Foundation Hospital & Rehab Center Vallejo	79	0	0.000	0.000	0.046
Kaiser Foundation Hospital Modesto	9	0	0.000	0.000	0.299
Kaiser Foundation Hospital Oakland/Richmond	53	0	0.000	0.000	0.068
Kaiser Foundation Hospital Orange County Irvine	144	0	0.000	0.000	0.026
Kaiser Foundation Hospital Roseville	95	0	0.000	0.000	0.039
Kaiser Foundation Hospital San Jose	15	0	0.000	0.000	0.204
Kaiser Foundation Hospital South Sacramento	57	0	0.000	0.000	0.063
Kaiser Foundation Hospital Walnut Creek	131	0	0.000	0.000	0.028
Los Alamitos Medical Center	41	0	0.000	0.000	0.086
Mercy Medical Center Merced	15	0	0.000	0.000	0.204
Sierra View Medical Center	52	0	0.000	0.000	0.069
St. Rose Hospital	15	0	0.000	0.000	0.204
Sutter Delta Medical Center	51	0	0.000	0.000	0.070
Sutter Roseville Medical Center	141	0	0.000	0.000	0.027

5.10.5 Summary

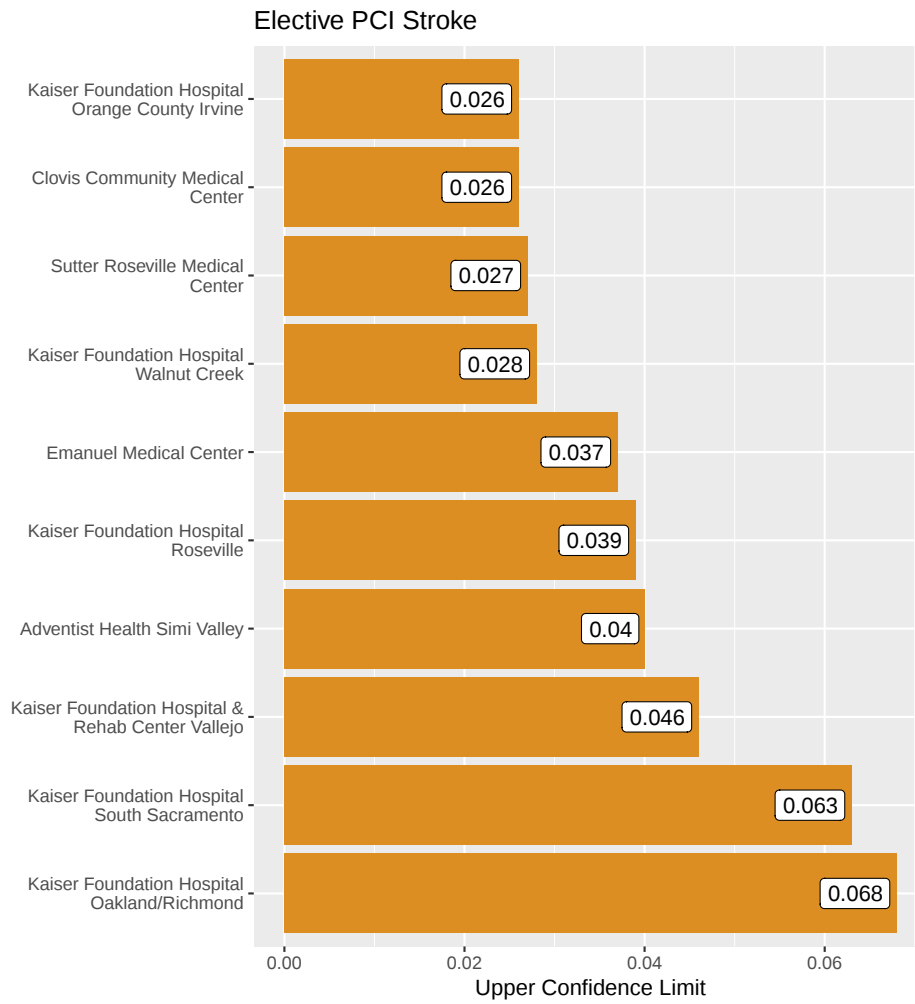
Table 5.30: Elective PCI Mortality

Hospitals	Cases.tot	AE.tot	AER.avg	AER.se	UCL.avg	UCL.se
21	1407	1	0	0	0.124	0.032

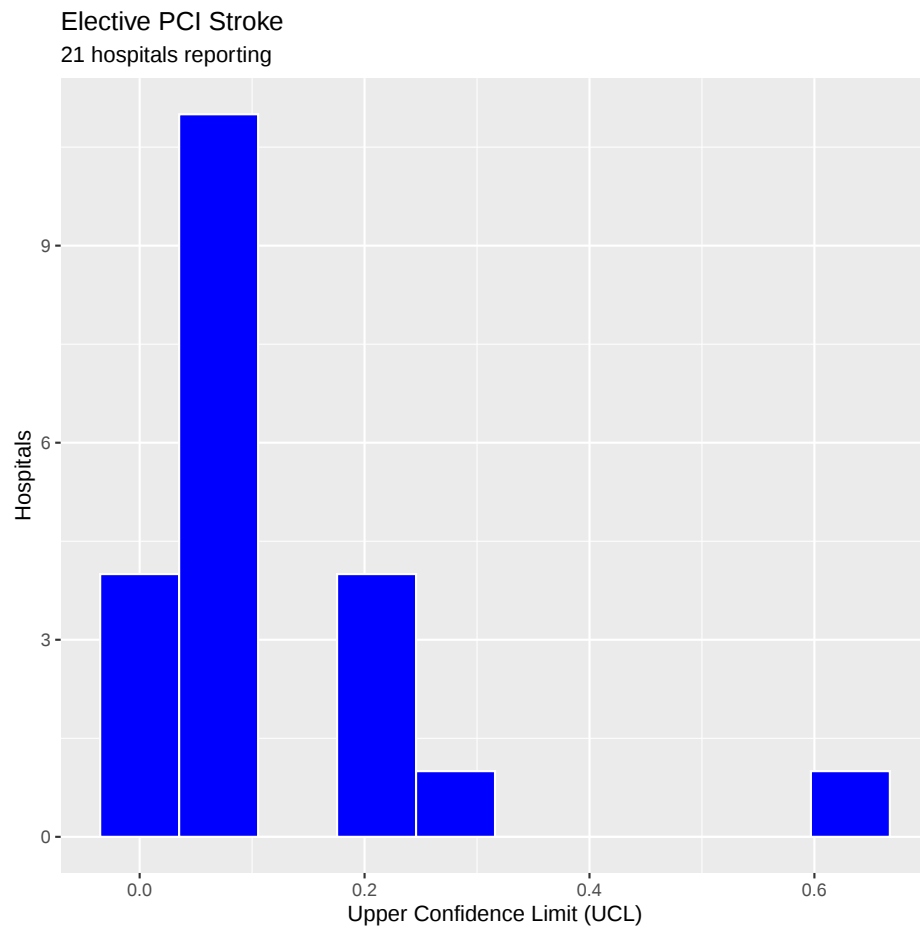
- **Cases.tot:** The total number of cases
- **AE.tot:** The total number of adverse events
- **AER.avg:** The average or arithmetic mean of the Adverse Event Rate for all hospitals.
 - Note: AER.avg is the average of the individual hospital AER values.
 - The Elective PCI Mortality AER rate for all hospitals is $AE.tot/Cases.tot$ and is equal to 0.001.
- **AER.se:** The AER.avg standard error.
- **UCL.avg:** The average or arithmetic mean of the Upper Confidence Limit (UCL) for all hospitals.
 - The UCL is important to compare the relative performance of hospitals reporting zero Adverse Events.
- **UCL.se:** The UCL.avg standard error

5.11 Elective PCI Stroke

5.11.1 Ten Lowest Upper Confidence Limits (UCL) bar chart



5.11.2 Upper Confidence Limit (UCL) Histogram



5.11.3 Upper Confidence Limit (UCL) Listing

Hospitals listed in UCL ascending order:

Table 5.31: Elective PCI Stroke

Hospital	Cases	AE	AER	LCL	UCL
Clovis Community Medical Center	218	1	0.005	0.001	0.026
Kaiser Foundation Hospital Orange County Irvine	144	0	0.000	0.000	0.026
Sutter Roseville Medical Center	141	0	0.000	0.000	0.027
Kaiser Foundation Hospital Walnut Creek	131	0	0.000	0.000	0.028
Emanuel Medical Center	100	0	0.000	0.000	0.037
Kaiser Foundation Hospital Roseville	95	0	0.000	0.000	0.039
Adventist Health Simi Valley	92	0	0.000	0.000	0.040
Kaiser Foundation Hospital & Rehab Center Vallejo	79	0	0.000	0.000	0.046
Kaiser Foundation Hospital South Sacramento	57	0	0.000	0.000	0.063
Kaiser Foundation Hospital Oakland/Richmond	53	0	0.000	0.000	0.068
Sierra View Medical Center	52	0	0.000	0.000	0.069
Sutter Delta Medical Center	51	0	0.000	0.000	0.070
Corona Regional Medical Center Main	49	0	0.000	0.000	0.073
Los Alamitos Medical Center	41	0	0.000	0.000	0.086
Desert Valley Hospital	35	0	0.000	0.000	0.099
Kaiser Foundation Hospital San Jose	15	0	0.000	0.000	0.204
Mercy Medical Center Merced	15	0	0.000	0.000	0.204
St. Rose Hospital	15	0	0.000	0.000	0.204
Highland Hospital	13	0	0.000	0.000	0.228
Kaiser Foundation Hospital Modesto	9	0	0.000	0.000	0.299
John F. Kennedy Memorial Hospital	2	0	0.000	0.000	0.658

5.11.4 Hospital Data Table

Table 5.32: Elective PCI Stroke

Hospital	Cases	AE	AER	LCL	UCL
Adventist Health Simi Valley	92	0	0.000	0.000	0.040
Clovis Community Medical Center	218	1	0.005	0.001	0.026
Corona Regional Medical Center Main	49	0	0.000	0.000	0.073
Desert Valley Hospital	35	0	0.000	0.000	0.099
Emanuel Medical Center	100	0	0.000	0.000	0.037
Highland Hospital	13	0	0.000	0.000	0.228
John F. Kennedy Memorial Hospital	2	0	0.000	0.000	0.658
Kaiser Foundation Hospital & Rehab Center Vallejo	79	0	0.000	0.000	0.046
Kaiser Foundation Hospital Modesto	9	0	0.000	0.000	0.299
Kaiser Foundation Hospital Oakland/Richmond	53	0	0.000	0.000	0.068
Kaiser Foundation Hospital Orange County Irvine	144	0	0.000	0.000	0.026
Kaiser Foundation Hospital Roseville	95	0	0.000	0.000	0.039
Kaiser Foundation Hospital San Jose	15	0	0.000	0.000	0.204
Kaiser Foundation Hospital South Sacramento	57	0	0.000	0.000	0.063
Kaiser Foundation Hospital Walnut Creek	131	0	0.000	0.000	0.028
Los Alamitos Medical Center	41	0	0.000	0.000	0.086
Mercy Medical Center Merced	15	0	0.000	0.000	0.204
Sierra View Medical Center	52	0	0.000	0.000	0.069
St. Rose Hospital	15	0	0.000	0.000	0.204
Sutter Delta Medical Center	51	0	0.000	0.000	0.070
Sutter Roseville Medical Center	141	0	0.000	0.000	0.027

5.11.5 Summary

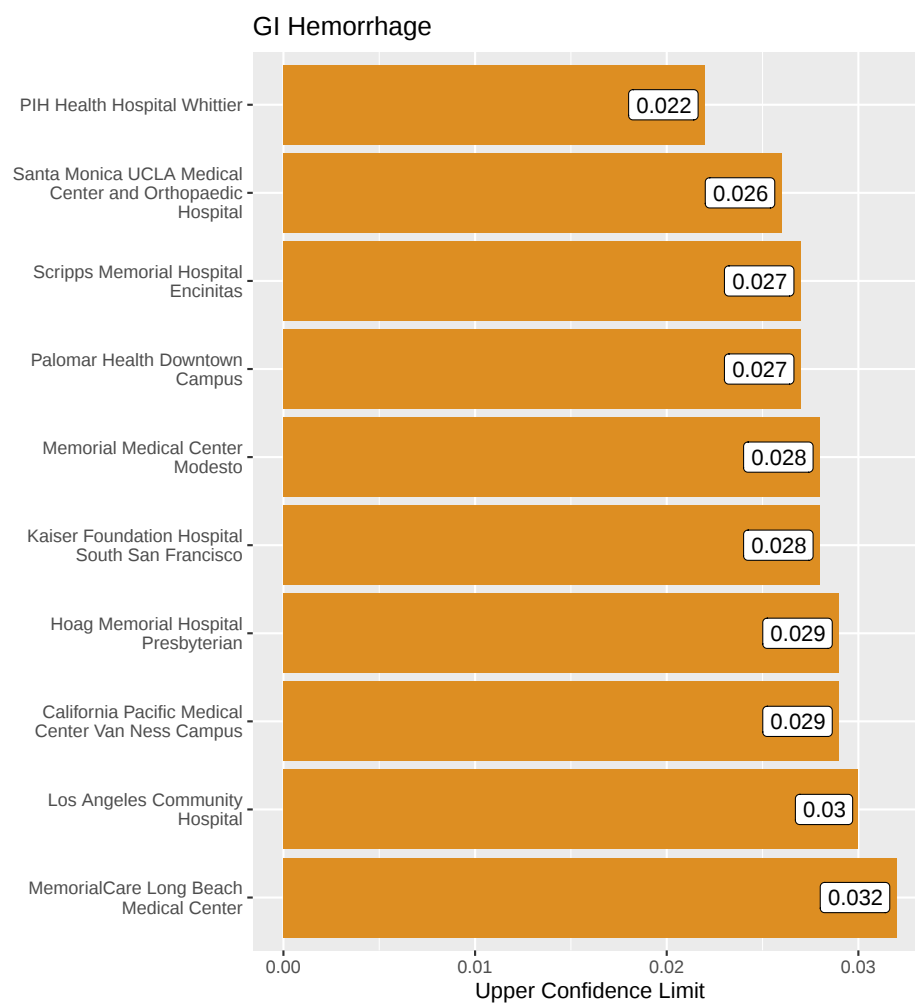
Table 5.33: Elective PCI Stroke

Hospitals	Cases.tot	AE.tot	AER.avg	AER.se	UCL.avg	UCL.se
21	1407	1	0	0	0.124	0.032

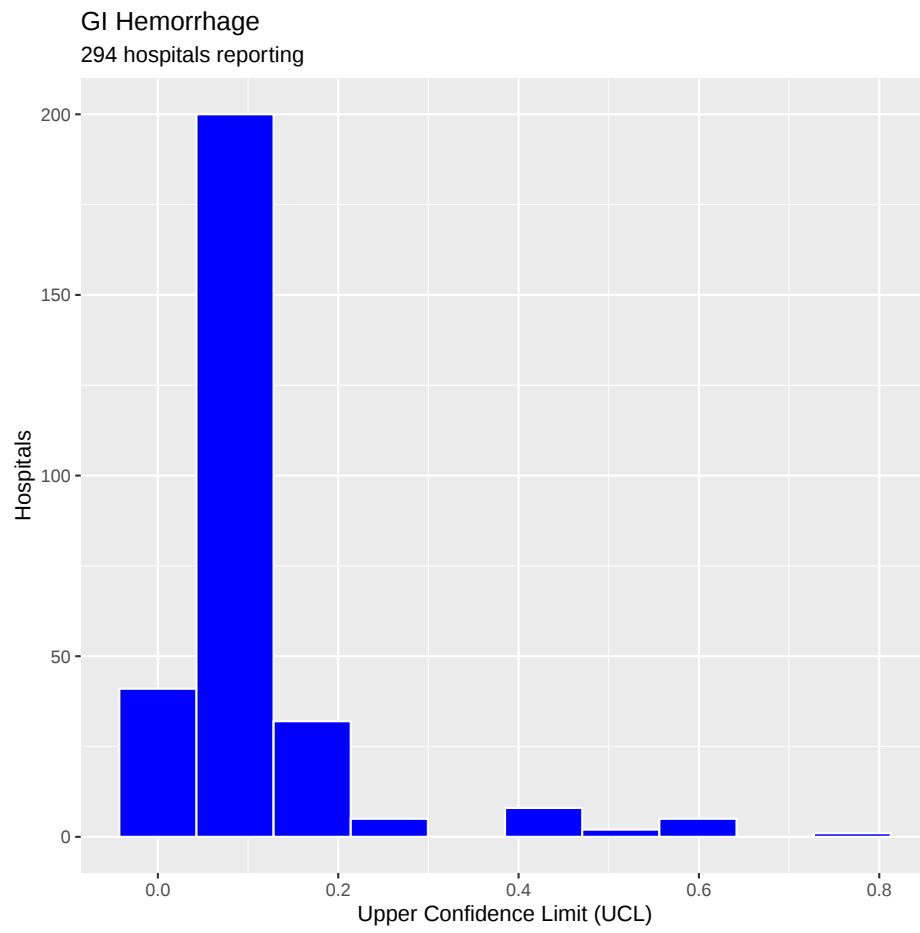
- **Cases.tot:** The total number of cases
- **AE.tot:** The total number of adverse events
- **AER.avg:** The average or arithmetic mean of the Adverse Event Rate for all hospitals.
 - Note: AER.avg is the average of the individual hospital AER values.
 - The Elective PCI Stroke AER rate for all hospitals is $AE.tot/Cases.tot$ and is equal to 0.001.
- **AER.se:** The AER.avg standard error.
- **UCL.avg:** The average or arithmetic mean of the Upper Confidence Limit (UCL) for all hospitals.
 - The UCL is important to compare the relative performance of hospitals reporting zero Adverse Events.
- **UCL.se:** The UCL.avg standard error

5.12 GI Hemorrhage

5.12.1 Ten Lowest Upper Confidence Limits (UCL) bar chart



5.12.2 Upper Confidence Limit (UCL) Histogram



5.12.3 Upper Confidence Limit (UCL) Listing

Hospitals listed in UCL ascending order:

Table 5.34: GI Hemorrhage

Hospital	Cases	AE	AER	LCL	UCL
PIH Health Hospital Whittier	454	4	0.009	0.003	0.022
Santa Monica UCLA Medical Center and Orthopaedic Hospital	215	1	0.005	0.001	0.026
Palomar Health Downtown Campus	203	1	0.005	0.001	0.027
Scripps Memorial Hospital Encinitas	319	3	0.009	0.003	0.027
Kaiser Foundation Hospital South San Francisco	199	1	0.005	0.001	0.028
Memorial Medical Center Modesto	555	8	0.014	0.007	0.028
California Pacific Medical Center Van Ness Campus	248	2	0.008	0.002	0.029
Hoag Memorial Hospital Presbyterian	760	13	0.017	0.010	0.029
Los Angeles Community Hospital	125	0	0.000	0.000	0.030
MemorialCare Long Beach Medical Center	358	5	0.014	0.006	0.032
Alvarado Hospital Medical Center	113	0	0.000	0.000	0.033
Eisenhower Medical Center	521	9	0.017	0.009	0.033
Kaiser Foundation Hospital San Jose	219	2	0.009	0.003	0.033
Adventist Health Lodi Memorial	160	1	0.006	0.001	0.035
Regional Medical Center of San Jose	248	3	0.012	0.004	0.035
Scripps Memorial Hospital La Jolla	327	5	0.015	0.007	0.035
St. Francis Medical Center	290	4	0.014	0.005	0.035
Cedars Sinai Medical Center	879	21	0.024	0.016	0.036
Centinela Hospital Medical Center	319	5	0.016	0.007	0.036
Community Regional Medical Center Fresno	695	16	0.023	0.014	0.037
Henry Mayo Newhall Hospital	267	4	0.015	0.006	0.038
Kaiser Foundation Hospital Roseville	415	8	0.019	0.010	0.038
Los Angeles County+USC Medical Center	448	9	0.020	0.011	0.038
Methodist Hospital of Sacramento	227	3	0.013	0.005	0.038
Santa Clara Valley Medical Center	339	6	0.018	0.008	0.038
Mercy Medical Center Merced	222	3	0.014	0.005	0.039
UC Davis Medical Center	363	7	0.019	0.009	0.039
AHMC Anaheim Regional Medical Center	176	2	0.011	0.003	0.040
California Hospital Medical Center Los Angeles	255	4	0.016	0.006	0.040
Fountain Valley Regional Hospital & Medical Center Euclid	290	5	0.017	0.007	0.040
UC Irvine Medical Center	360	7	0.019	0.009	0.040
Dominican Hospital	244	4	0.016	0.006	0.041
Kaiser Foundation Hospital Orange County Anaheim	376	8	0.021	0.011	0.041
Kaweah Health Medical Center	535	13	0.024	0.014	0.041
Los Robles Hospital & Medical Center	173	2	0.012	0.003	0.041

Hospital	Cases	AE	AER	LCL	UCL
Salinas Valley Health Medical Center	284	5	0.018	0.008	0.041
Sharp Chula Vista Medical Center	345	7	0.020	0.010	0.041
Huntington Hospital	432	10	0.023	0.013	0.042
Los Angeles County Olive View UCLA Medical Center	168	2	0.012	0.003	0.042
Santa Barbara Cottage Hospital	399	9	0.023	0.012	0.042
UC San Diego Health Hillcrest Hillcrest Medical Center	552	14	0.025	0.015	0.042
Antelope Valley Hospital	478	12	0.025	0.014	0.043
Kaiser Foundation Hospital Moreno Valley	85	0	0.000	0.000	0.043
Mills-Peninsula Medical Center	265	5	0.019	0.008	0.043
Northridge Hospital Medical Center	269	5	0.019	0.008	0.043
O'Connor Hospital	203	3	0.015	0.005	0.043
Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center	268	5	0.019	0.008	0.043
Sharp Memorial Hospital	418	10	0.024	0.013	0.043
St. John's Regional Medical Center	265	5	0.019	0.008	0.043
Sutter Delta Medical Center	165	2	0.012	0.003	0.043
Torrance Memorial Medical Center	546	14	0.026	0.015	0.043
Washington Hospital Fremont	236	4	0.017	0.007	0.043
Kaiser Foundation Hospital Oakland/Richmond	351	8	0.023	0.012	0.044
Marshall Medical Center	124	1	0.008	0.001	0.044
Hollywood Presbyterian Medical Center	225	4	0.018	0.007	0.045
PIH Health Hospital Downey	317	7	0.022	0.011	0.045
Scripps Mercy Hospital	549	15	0.027	0.017	0.045
Southern California Hospital at Hollywood	81	0	0.000	0.000	0.045
Sutter Tracy Community Hospital	118	1	0.008	0.001	0.046
Grossmont Hospital	415	11	0.027	0.015	0.047
Los Angeles County/Harbor UCLA Medical Center	247	5	0.020	0.009	0.047
San Ramon Regional Medical Center	116	1	0.009	0.002	0.047
UC San Francisco Medical Center	329	8	0.024	0.012	0.047
West Hills Hospital and Medical Center	152	2	0.013	0.004	0.047
Garfield Medical Center	149	2	0.013	0.004	0.048
Good Samaritan Hospital San Jose	179	3	0.017	0.006	0.048
Hemet Global Medical Center	211	4	0.019	0.007	0.048
Kaiser Foundation Hospital Downey	297	7	0.024	0.011	0.048
Providence Holy Cross Medical Center	350	9	0.026	0.014	0.048
Providence Little Company of Mary Medical Center Torrance	401	11	0.027	0.015	0.048
San Gabriel Valley Medical Center	148	2	0.014	0.004	0.048
Alta Bates Summit Medical Center	264	6	0.023	0.010	0.049
Desert Valley Hospital	176	3	0.017	0.006	0.049
Kaiser Foundation Hospital San Francisco	263	6	0.023	0.010	0.049

Hospital	Cases	AE	AER	LCL	UCL
Mercy San Juan Medical Center	372	10	0.027	0.015	0.049
Southern California Hospital at Culver City	175	3	0.017	0.006	0.049
Stanford Health Care	469	14	0.030	0.018	0.049
Sutter Davis Hospital	74	0	0.000	0.000	0.049
Sutter Medical Center Sacramento	469	14	0.030	0.018	0.049
Adventist Health Glendale	308	8	0.026	0.013	0.050
Bakersfield Memorial Hospital	338	9	0.027	0.014	0.050
Cedars Sinai Marina Del Rey Hospital	110	1	0.009	0.002	0.050
MemorialCare Saddleback Medical Center	255	6	0.024	0.011	0.050
Providence St. Joseph Hospital	310	8	0.026	0.013	0.050
Riverside Community Hospital	336	9	0.027	0.014	0.050
Adventist Health White Memorial	306	8	0.026	0.013	0.051
El Camino Health	405	12	0.030	0.017	0.051
Adventist Health Bakersfield	446	14	0.031	0.019	0.052
Adventist Health Simi Valley	194	4	0.021	0.008	0.052
Clovis Community Medical Center	401	12	0.030	0.017	0.052
Community Hospital of the Monterey Peninsula	297	8	0.027	0.014	0.052
Oroville Hospital	193	4	0.021	0.008	0.052
Providence Little Company of Mary Medical Center San Pedro	105	1	0.010	0.002	0.052
Southwest Healthcare System Murrieta	299	8	0.027	0.014	0.052
Kaiser Foundation Hospital San Diego Zion	290	8	0.028	0.014	0.053
NorthBay Medical Center	188	4	0.021	0.008	0.053
Shasta Regional Medical Center	191	4	0.021	0.008	0.053
Whittier Hospital Medical Center	134	2	0.015	0.004	0.053
Adventist Health and Rideout	286	8	0.028	0.014	0.054
Community Memorial Hospital San Buenaventura	264	7	0.027	0.013	0.054
Providence Santa Rosa Memorial Hospital Montgomery	359	11	0.031	0.017	0.054
Sierra View Medical Center	186	4	0.022	0.008	0.054
St. Joseph's Medical Center of Stockton	429	14	0.033	0.020	0.054
West Anaheim Medical Center	158	3	0.019	0.006	0.054
Emanate Health Inter Community Hospital	183	4	0.022	0.009	0.055
John Muir Medical Center Concord Campus	306	9	0.029	0.016	0.055
Kaiser Foundation Hospital Fontana	559	20	0.036	0.023	0.055
San Antonio Regional Hospital	378	12	0.032	0.018	0.055
Sutter Santa Rosa Regional Hospital	181	4	0.022	0.009	0.055
Ventura County Medical Center	129	2	0.016	0.004	0.055
Kaiser Foundation Hospital South Bay	230	6	0.026	0.012	0.056
Kern Medical Center	97	1	0.010	0.002	0.056
Scripps Green Hospital	154	3	0.019	0.007	0.056
St. Louise Regional Hospital	98	1	0.010	0.002	0.056
Stanford Health Care Tri-Valley	126	2	0.016	0.004	0.056

Hospital	Cases	AE	AER	LCL	UCL
Kaiser Foundation Hospital Fresno	151	3	0.020	0.007	0.057
Saint Agnes Medical Center	718	29	0.040	0.028	0.057
Saint Francis Memorial Hospital	64	0	0.000	0.000	0.057
Kaiser Foundation Hospital Santa Rosa	246	7	0.028	0.014	0.058
Marian Regional Medical Center	219	6	0.027	0.013	0.058
PIH Health Good Samaritan Hospital	269	8	0.030	0.015	0.058
Redlands Community Hospital	219	6	0.027	0.013	0.058
St. Mary Medical Center Apple Valley	265	8	0.030	0.015	0.058
Sutter Auburn Faith Hospital	62	0	0.000	0.000	0.058
Sutter Roseville Medical Center	624	25	0.040	0.027	0.058
Kaiser Foundation Hospital Los Angeles	327	11	0.034	0.019	0.059
Mercy Hospital Bakersfield	216	6	0.028	0.013	0.059
Adventist Health Sonora Greenley	91	1	0.011	0.002	0.060
Doctors Medical Center	425	16	0.038	0.023	0.060
Emanate Health Queen of the Valley Hospital	237	7	0.030	0.014	0.060
Enloe Medical Center? Esplanade	447	17	0.038	0.024	0.060
Kaiser Foundation Hospital Vacaville	90	1	0.011	0.002	0.060
Kaiser Foundation Hospital Walnut Creek	259	8	0.031	0.016	0.060
MemorialCare Orange Coast Medical Center	280	9	0.032	0.017	0.060
Sequoia Hospital	60	0	0.000	0.000	0.060
Kaiser Foundation Hospital Manteca	232	7	0.030	0.015	0.061
Kaiser Foundation Hospital Santa Clara	298	10	0.034	0.018	0.061
Mercy General Hospital	208	6	0.029	0.013	0.061
Mercy Hospital of Folsom	163	4	0.025	0.010	0.061
Providence St. Jude Medical Center	298	10	0.034	0.018	0.061
Alhambra Hospital Medical Center	113	2	0.018	0.005	0.062
Contra Costa Regional Medical Center	58	0	0.000	0.000	0.062
Kaiser Foundation Hospital Fremont	137	3	0.022	0.007	0.062
California Pacific Medical Center Mission Bernal Campus	112	2	0.018	0.005	0.063
Chinese Hospital	57	0	0.000	0.000	0.063
Loma Linda University Medical Center Murrieta	226	7	0.031	0.015	0.063
Providence Saint John's Health Center	203	6	0.030	0.014	0.063
Kaiser Foundation Hospital Panorama City	177	5	0.028	0.012	0.064
Lakewood Regional Medical Center	201	6	0.030	0.014	0.064
Loma Linda University Medical Center	342	13	0.038	0.022	0.064
Providence Saint Joseph Medical Center	339	13	0.038	0.023	0.064
USC Arcadia Hospital	303	11	0.036	0.020	0.064
Victor Valley Global Medical Center	84	1	0.012	0.002	0.064
Foothill Regional Medical Center	55	0	0.000	0.000	0.065
St. Mary's Medical Center	107	2	0.019	0.005	0.066
Kaiser Foundation Hospital Antioch	170	5	0.029	0.013	0.067
Lompoc Valley Medical Center	80	1	0.013	0.002	0.067
Temecula Valley Hospital	230	8	0.035	0.018	0.067

Hospital	Cases	AE	AER	LCL	UCL
Alta Bates Summit Medical Center Alta Bates Campus	168	5	0.030	0.013	0.068
Community Hospital of Huntington Park	79	1	0.013	0.002	0.068
Emanuel Medical Center	207	7	0.034	0.016	0.068
Kaiser Foundation Hospital Woodland Hills	146	4	0.027	0.011	0.068
Emanate Health Foothill Presbyterian Hospital	124	3	0.024	0.008	0.069
Natividad Medical Center	101	2	0.020	0.005	0.069
Palomar Medical Center	205	7	0.034	0.017	0.069
Palomar Medical Center Poway	123	3	0.024	0.008	0.069
Keck Hospital of USC	76	1	0.013	0.002	0.071
Norwalk Community Hospital	50	0	0.000	0.000	0.071
Arrowhead Regional Medical Center	196	7	0.036	0.017	0.072
John Muir Medical Center Walnut Creek Campus	339	15	0.044	0.027	0.072
Kaiser Foundation Hospital Baldwin Park	176	6	0.034	0.016	0.072
Kaiser Foundation Hospital Sacramento	232	9	0.039	0.021	0.072
Providence Mission Hospital	293	13	0.044	0.026	0.074
Los Alamitos Medical Center	223	9	0.040	0.021	0.075
Ronald Reagan UCLA Medical Center	222	9	0.041	0.021	0.075
Tri-City Medical Center	170	6	0.035	0.016	0.075
Marian Regional Medical Center Arroyo Grande	71	1	0.014	0.002	0.076
MarinHealth Medical Center	185	7	0.038	0.018	0.076
Watsonville Community Hospital	92	2	0.022	0.006	0.076
Eden Medical Center	166	6	0.036	0.017	0.077
Montclair Hospital Medical Center	70	1	0.014	0.003	0.077
Providence Cedars Sinai Tarzana Medical Center	165	6	0.036	0.017	0.077
Sharp Coronado Hospital and Healthcare Center	90	2	0.022	0.006	0.077
John F. Kennedy Memorial Hospital	145	5	0.034	0.015	0.078
Kaiser Foundation Hospital & Rehab Center Vallejo	196	8	0.041	0.021	0.078
Kaiser Foundation Hospital Riverside	109	3	0.028	0.009	0.078
Kaiser Foundation Hospital West LA	214	9	0.042	0.022	0.078
Doctors Hospital of Manteca	88	2	0.023	0.006	0.079
Highland Hospital	228	10	0.044	0.024	0.079
Desert Regional Medical Center	348	18	0.052	0.033	0.080
Kaiser Foundation Hospital South Sacramento	240	11	0.046	0.026	0.080
L.A. Downtown Medical Center	44	0	0.000	0.000	0.080
St. Bernardine Medical Center	305	15	0.049	0.030	0.080
College Medical Center	86	2	0.023	0.006	0.081
Providence Queen of the Valley Medical Center	123	4	0.033	0.013	0.081
Pomona Valley Hospital Medical Center	327	17	0.052	0.033	0.082
Glendale Memorial Hospital and Health Center	119	4	0.034	0.013	0.083
Doctors Hospital of Riverside	133	5	0.038	0.016	0.085
St. Rose Hospital	116	4	0.034	0.013	0.085

Hospital	Cases	AE	AER	LCL	UCL
Novato Community Hospital	41	0	0.000	0.000	0.086
Paradise Valley Hospital	79	2	0.025	0.007	0.088
Placentia Linda Hospital	79	2	0.025	0.007	0.088
Sierra Nevada Memorial Hospital	95	3	0.032	0.011	0.089
Beverly Hospital	241	13	0.054	0.032	0.090
Dameron Hospital	125	5	0.040	0.017	0.090
French Hospital Medical Center	110	4	0.036	0.014	0.090
El Centro Regional Medical Center	139	6	0.043	0.020	0.091
Monterey Park Hospital	76	2	0.026	0.007	0.091
City of Hope Helford Clinical Research Hospital	38	0	0.000	0.000	0.092
Corona Regional Medical Center Main	209	11	0.053	0.030	0.092
Orange County Global Medical Center	91	3	0.033	0.011	0.092
San Geronio Memorial Hospital	75	2	0.027	0.007	0.092
Casa Colina Hospital	37	0	0.000	0.000	0.094
Palmdale Regional Medical Center	162	8	0.049	0.025	0.094
Garden Grove Hospital and Medical Center	104	4	0.038	0.015	0.095
San Joaquin General Hospital	131	6	0.046	0.021	0.096
AHMC Seton Medical Center	100	4	0.040	0.016	0.098
Tenet Health Central Coast Sierra Vista Regional Medical Center	86	3	0.035	0.012	0.098
Sutter Solano Medical Center	99	4	0.040	0.016	0.099
Kaiser Foundation Hospital San Leandro	165	9	0.055	0.029	0.100
Riverside University Health System Medical Center	278	18	0.065	0.041	0.100
Tenet Health Central Coast Twin Cities Community Hospital	112	5	0.045	0.019	0.100
Chino Valley Medical Center	108	5	0.046	0.020	0.104
San Dimas Community Hospital	66	2	0.030	0.008	0.104
Coast Plaza Hospital	49	1	0.020	0.004	0.107
Hazel Hawkins Memorial Hospital	32	0	0.000	0.000	0.107
Woodland Memorial Hospital	49	1	0.020	0.004	0.107
Valley Presbyterian Hospital	177	11	0.062	0.035	0.108
Kaiser Foundation Hospital Redwood City	90	4	0.044	0.017	0.109
USC Verdugo Hills Hospital	103	5	0.049	0.021	0.109
Community Hospital of San Bernardino	102	5	0.049	0.021	0.110
St. Elizabeth Community Hospital	62	2	0.032	0.009	0.110
St. Mary Medical Center Long Beach	149	9	0.060	0.032	0.111
Mission Community Hospital Panorama Campus	96	5	0.052	0.022	0.116
Bakersfield Heart Hospital	44	1	0.023	0.004	0.118
Mercy Medical Center Redding	304	25	0.082	0.056	0.119
Adventist Health Howard Memorial	28	0	0.000	0.000	0.121
Barstow Community Hospital	43	1	0.023	0.004	0.121
Huntington Beach Hospital	43	1	0.023	0.004	0.121
Encino Hospital Medical Center	27	0	0.000	0.000	0.125

Hospital	Cases	AE	AER	LCL	UCL
Greater El Monte Community Hospital	78	4	0.051	0.020	0.125
Providence St. Joseph Hospital Eureka	107	7	0.065	0.032	0.129
Sutter Lakeside Hospital	26	0	0.000	0.000	0.129
San Mateo Medical Center	52	2	0.038	0.011	0.130
East Los Angeles Doctors Hospital	39	1	0.026	0.005	0.132
Madera Community Hospital	84	5	0.060	0.026	0.132
Sutter Coast Hospital	39	1	0.026	0.005	0.132
Menifee Global Medical Center	49	2	0.041	0.011	0.137
Kaiser Foundation Hospital San Rafael	109	8	0.073	0.038	0.138
Memorial Hospital of Gardena	119	9	0.076	0.040	0.138
St. John's Hospital Camarillo	80	5	0.062	0.027	0.138
Sutter Amador Hospital	37	1	0.027	0.005	0.138
Adventist Health St. Helena	48	2	0.042	0.012	0.140
Adventist Health Hanford	152	13	0.086	0.051	0.141
Adventist Health Ukiah Valley	58	3	0.052	0.018	0.141
Alameda Hospital	47	2	0.043	0.012	0.142
Anaheim Global Medical Center	47	2	0.043	0.012	0.142
Fairchild Medical Center	23	0	0.000	0.000	0.143
Ridgecrest Regional Hospital	35	1	0.029	0.005	0.145
Mad River Community Hospital	22	0	0.000	0.000	0.149
Sherman Oaks Hospital	54	3	0.056	0.019	0.151
Pacifica Hospital of the Valley	33	1	0.030	0.005	0.153
Pioneers Memorial Healthcare District	33	1	0.030	0.005	0.153
Tahoe Forest Hospital	21	0	0.000	0.000	0.155
Adventist Health Delano	42	2	0.048	0.013	0.158
Adventist Health Tehachapi Valley	20	0	0.000	0.000	0.161
Barton Memorial Hospital	20	0	0.000	0.000	0.161
La Palma Intercommunity Hospital	66	5	0.076	0.033	0.165
Community Hospital Long Beach	19	0	0.000	0.000	0.168
South Coast Global Medical Center	29	1	0.034	0.006	0.172
Adventist Health Clearlake	17	0	0.000	0.000	0.184
California Pacific Medical Center Davies Campus Hospital	35	2	0.057	0.016	0.186
Providence Mission Hospital Laguna Beach	25	1	0.040	0.007	0.195
Palo Verde Hospital	13	0	0.000	0.000	0.228
Chapman Global Medical Center	19	1	0.053	0.009	0.246
Providence Redwood Memorial Hospital	19	1	0.053	0.009	0.246
Olympia Medical Center	11	0	0.000	0.000	0.259
Adventist Health Mendocino Coast	10	0	0.000	0.000	0.278
Colorado River Medical Center	6	0	0.000	0.000	0.390
Mark Twain Medical Center	6	0	0.000	0.000	0.390
Northern Inyo Hospital	6	0	0.000	0.000	0.390
Mercy Medical Center Mt. Shasta	10	1	0.100	0.018	0.404
Good Samaritan Hospital Bakersfield	5	0	0.000	0.000	0.434

Hospital	Cases	AE	AER	LCL	UCL
Mammoth Hospital	5	0	0.000	0.000	0.434
Mayers Memorial Hospital	5	0	0.000	0.000	0.434
Plumas District Hospital	5	0	0.000	0.000	0.434
Los Angeles County/Rancho Los Amigos	4	0	0.000	0.000	0.490
National Rehab Center					
Petaluma Valley Hospital	12	3	0.250	0.089	0.532
Banner Lassen Medical Center	3	0	0.000	0.000	0.561
Healdsburg Hospital	3	0	0.000	0.000	0.561
Kern Valley Healthcare District	3	0	0.000	0.000	0.561
Memorial Hospital Los Banos	3	0	0.000	0.000	0.561
Modoc Medical Center	3	0	0.000	0.000	0.561
Colusa Medical Center	3	1	0.333	0.061	0.792

5.12.4 Hospital Data Table

Table 5.35: GI Hemorrhage

Hospital	Cases	AE	AER	LCL	UCL
AHMC Anaheim Regional Medical Center	176	2	0.011	0.003	0.040
AHMC Seton Medical Center	100	4	0.040	0.016	0.098
Adventist Health Bakersfield	446	14	0.031	0.019	0.052
Adventist Health Clearlake	17	0	0.000	0.000	0.184
Adventist Health Delano	42	2	0.048	0.013	0.158
Adventist Health Glendale	308	8	0.026	0.013	0.050
Adventist Health Hanford	152	13	0.086	0.051	0.141
Adventist Health Howard Memorial	28	0	0.000	0.000	0.121
Adventist Health Lodi Memorial	160	1	0.006	0.001	0.035
Adventist Health Mendocino Coast	10	0	0.000	0.000	0.278
Adventist Health Simi Valley	194	4	0.021	0.008	0.052
Adventist Health Sonora Greenley	91	1	0.011	0.002	0.060
Adventist Health St. Helena	48	2	0.042	0.012	0.140
Adventist Health Tehachapi Valley	20	0	0.000	0.000	0.161
Adventist Health Ukiah Valley	58	3	0.052	0.018	0.141
Adventist Health White Memorial	306	8	0.026	0.013	0.051
Adventist Health and Rideout	286	8	0.028	0.014	0.054
Alameda Hospital	47	2	0.043	0.012	0.142
Alhambra Hospital Medical Center	113	2	0.018	0.005	0.062
Alta Bates Summit Medical Center	264	6	0.023	0.010	0.049
Alta Bates Summit Medical Center Alta Bates Campus	168	5	0.030	0.013	0.068
Alvarado Hospital Medical Center	113	0	0.000	0.000	0.033
Anaheim Global Medical Center	47	2	0.043	0.012	0.142
Antelope Valley Hospital	478	12	0.025	0.014	0.043
Arrowhead Regional Medical Center	196	7	0.036	0.017	0.072
Bakersfield Heart Hospital	44	1	0.023	0.004	0.118
Bakersfield Memorial Hospital	338	9	0.027	0.014	0.050
Banner Lassen Medical Center	3	0	0.000	0.000	0.561
Barstow Community Hospital	43	1	0.023	0.004	0.121
Barton Memorial Hospital	20	0	0.000	0.000	0.161
Beverly Hospital	241	13	0.054	0.032	0.090
California Hospital Medical Center Los Angeles	255	4	0.016	0.006	0.040
California Pacific Medical Center Davies Campus Hospital	35	2	0.057	0.016	0.186
California Pacific Medical Center Mission Bernal Campus	112	2	0.018	0.005	0.063
California Pacific Medical Center Van Ness Campus	248	2	0.008	0.002	0.029
Casa Colina Hospital	37	0	0.000	0.000	0.094

Hospital	Cases	AE	AER	LCL	UCL
Cedars Sinai Marina Del Rey Hospital	110	1	0.009	0.002	0.050
Cedars Sinai Medical Center	879	21	0.024	0.016	0.036
Centinela Hospital Medical Center	319	5	0.016	0.007	0.036
Chapman Global Medical Center	19	1	0.053	0.009	0.246
Chinese Hospital	57	0	0.000	0.000	0.063
Chino Valley Medical Center	108	5	0.046	0.020	0.104
City of Hope Helford Clinical Research Hospital	38	0	0.000	0.000	0.092
Clovis Community Medical Center	401	12	0.030	0.017	0.052
Coast Plaza Hospital	49	1	0.020	0.004	0.107
College Medical Center	86	2	0.023	0.006	0.081
Colorado River Medical Center	6	0	0.000	0.000	0.390
Colusa Medical Center	3	1	0.333	0.061	0.792
Community Hospital Long Beach	19	0	0.000	0.000	0.168
Community Hospital of Huntington Park	79	1	0.013	0.002	0.068
Community Hospital of San Bernardino	102	5	0.049	0.021	0.110
Community Hospital of the Monterey Peninsula	297	8	0.027	0.014	0.052
Community Memorial Hospital San Buenaventura	264	7	0.027	0.013	0.054
Community Regional Medical Center Fresno	695	16	0.023	0.014	0.037
Contra Costa Regional Medical Center	58	0	0.000	0.000	0.062
Corona Regional Medical Center Main	209	11	0.053	0.030	0.092
Dameron Hospital	125	5	0.040	0.017	0.090
Desert Regional Medical Center	348	18	0.052	0.033	0.080
Desert Valley Hospital	176	3	0.017	0.006	0.049
Doctors Hospital of Manteca	88	2	0.023	0.006	0.079
Doctors Hospital of Riverside	133	5	0.038	0.016	0.085
Doctors Medical Center	425	16	0.038	0.023	0.060
Dominican Hospital	244	4	0.016	0.006	0.041
East Los Angeles Doctors Hospital	39	1	0.026	0.005	0.132
Eden Medical Center	166	6	0.036	0.017	0.077
Eisenhower Medical Center	521	9	0.017	0.009	0.033
El Camino Health	405	12	0.030	0.017	0.051
El Centro Regional Medical Center	139	6	0.043	0.020	0.091
Emanate Health Foothill Presbyterian Hospital	124	3	0.024	0.008	0.069
Emanate Health Inter Community Hospital	183	4	0.022	0.009	0.055
Emanate Health Queen of the Valley Hospital	237	7	0.030	0.014	0.060
Emanuel Medical Center	207	7	0.034	0.016	0.068
Encino Hospital Medical Center	27	0	0.000	0.000	0.125
Enloe Medical Center? Esplanade	447	17	0.038	0.024	0.060
Fairchild Medical Center	23	0	0.000	0.000	0.143
Foothill Regional Medical Center	55	0	0.000	0.000	0.065
Fountain Valley Regional Hospital & Medical Center Euclid	290	5	0.017	0.007	0.040
French Hospital Medical Center	110	4	0.036	0.014	0.090

Hospital	Cases	AE	AER	LCL	UCL
Garden Grove Hospital and Medical Center	104	4	0.038	0.015	0.095
Garfield Medical Center	149	2	0.013	0.004	0.048
Glendale Memorial Hospital and Health Center	119	4	0.034	0.013	0.083
Good Samaritan Hospital Bakersfield	5	0	0.000	0.000	0.434
Good Samaritan Hospital San Jose	179	3	0.017	0.006	0.048
Greater El Monte Community Hospital	78	4	0.051	0.020	0.125
Grossmont Hospital	415	11	0.027	0.015	0.047
Hazel Hawkins Memorial Hospital	32	0	0.000	0.000	0.107
Healdsburg Hospital	3	0	0.000	0.000	0.561
Hemet Global Medical Center	211	4	0.019	0.007	0.048
Henry Mayo Newhall Hospital	267	4	0.015	0.006	0.038
Highland Hospital	228	10	0.044	0.024	0.079
Hoag Memorial Hospital Presbyterian	760	13	0.017	0.010	0.029
Hollywood Presbyterian Medical Center	225	4	0.018	0.007	0.045
Huntington Beach Hospital	43	1	0.023	0.004	0.121
Huntington Hospital	432	10	0.023	0.013	0.042
John F. Kennedy Memorial Hospital	145	5	0.034	0.015	0.078
John Muir Medical Center Concord Campus	306	9	0.029	0.016	0.055
John Muir Medical Center Walnut Creek Campus	339	15	0.044	0.027	0.072
Kaiser Foundation Hospital & Rehab Center Vallejo	196	8	0.041	0.021	0.078
Kaiser Foundation Hospital Antioch	170	5	0.029	0.013	0.067
Kaiser Foundation Hospital Baldwin Park	176	6	0.034	0.016	0.072
Kaiser Foundation Hospital Downey	297	7	0.024	0.011	0.048
Kaiser Foundation Hospital Fontana	559	20	0.036	0.023	0.055
Kaiser Foundation Hospital Fremont	137	3	0.022	0.007	0.062
Kaiser Foundation Hospital Fresno	151	3	0.020	0.007	0.057
Kaiser Foundation Hospital Los Angeles	327	11	0.034	0.019	0.059
Kaiser Foundation Hospital Manteca	232	7	0.030	0.015	0.061
Kaiser Foundation Hospital Moreno Valley	85	0	0.000	0.000	0.043
Kaiser Foundation Hospital Oakland/Richmond	351	8	0.023	0.012	0.044
Kaiser Foundation Hospital Orange County Anaheim	376	8	0.021	0.011	0.041
Kaiser Foundation Hospital Panorama City	177	5	0.028	0.012	0.064
Kaiser Foundation Hospital Redwood City	90	4	0.044	0.017	0.109
Kaiser Foundation Hospital Riverside	109	3	0.028	0.009	0.078
Kaiser Foundation Hospital Roseville	415	8	0.019	0.010	0.038
Kaiser Foundation Hospital Sacramento	232	9	0.039	0.021	0.072
Kaiser Foundation Hospital San Diego Zion	290	8	0.028	0.014	0.053
Kaiser Foundation Hospital San Francisco	263	6	0.023	0.010	0.049
Kaiser Foundation Hospital San Jose	219	2	0.009	0.003	0.033
Kaiser Foundation Hospital San Leandro	165	9	0.055	0.029	0.100
Kaiser Foundation Hospital San Rafael	109	8	0.073	0.038	0.138

Hospital	Cases	AE	AER	LCL	UCL
Kaiser Foundation Hospital Santa Clara	298	10	0.034	0.018	0.061
Kaiser Foundation Hospital Santa Rosa	246	7	0.028	0.014	0.058
Kaiser Foundation Hospital South Bay	230	6	0.026	0.012	0.056
Kaiser Foundation Hospital South Sacramento	240	11	0.046	0.026	0.080
Kaiser Foundation Hospital South San Francisco	199	1	0.005	0.001	0.028
Kaiser Foundation Hospital Vacaville	90	1	0.011	0.002	0.060
Kaiser Foundation Hospital Walnut Creek	259	8	0.031	0.016	0.060
Kaiser Foundation Hospital West LA	214	9	0.042	0.022	0.078
Kaiser Foundation Hospital Woodland Hills	146	4	0.027	0.011	0.068
Kaweah Health Medical Center	535	13	0.024	0.014	0.041
Keck Hospital of USC	76	1	0.013	0.002	0.071
Kern Medical Center	97	1	0.010	0.002	0.056
Kern Valley Healthcare District	3	0	0.000	0.000	0.561
L.A. Downtown Medical Center	44	0	0.000	0.000	0.080
La Palma Intercommunity Hospital	66	5	0.076	0.033	0.165
Lakewood Regional Medical Center	201	6	0.030	0.014	0.064
Loma Linda University Medical Center	342	13	0.038	0.022	0.064
Loma Linda University Medical Center Murrieta	226	7	0.031	0.015	0.063
Lompoc Valley Medical Center	80	1	0.013	0.002	0.067
Los Alamitos Medical Center	223	9	0.040	0.021	0.075
Los Angeles Community Hospital	125	0	0.000	0.000	0.030
Los Angeles County Olive View UCLA Medical Center	168	2	0.012	0.003	0.042
Los Angeles County+USC Medical Center	448	9	0.020	0.011	0.038
Los Angeles County/Harbor UCLA Medical Center	247	5	0.020	0.009	0.047
Los Angeles County/Rancho Los Amigos National Rehab Center	4	0	0.000	0.000	0.490
Los Robles Hospital & Medical Center	173	2	0.012	0.003	0.041
Mad River Community Hospital	22	0	0.000	0.000	0.149
Madera Community Hospital	84	5	0.060	0.026	0.132
Mammoth Hospital	5	0	0.000	0.000	0.434
Marian Regional Medical Center	219	6	0.027	0.013	0.058
Marian Regional Medical Center Arroyo Grande	71	1	0.014	0.002	0.076
MarinHealth Medical Center	185	7	0.038	0.018	0.076
Mark Twain Medical Center	6	0	0.000	0.000	0.390
Marshall Medical Center	124	1	0.008	0.001	0.044
Mayers Memorial Hospital	5	0	0.000	0.000	0.434
Memorial Hospital Los Banos	3	0	0.000	0.000	0.561
Memorial Hospital of Gardena	119	9	0.076	0.040	0.138
Memorial Medical Center Modesto	555	8	0.014	0.007	0.028
MemorialCare Long Beach Medical Center	358	5	0.014	0.006	0.032
MemorialCare Orange Coast Medical Center	280	9	0.032	0.017	0.060
MemorialCare Saddleback Medical Center	255	6	0.024	0.011	0.050

Hospital	Cases	AE	AER	LCL	UCL
Menifee Global Medical Center	49	2	0.041	0.011	0.137
Mercy General Hospital	208	6	0.029	0.013	0.061
Mercy Hospital Bakersfield	216	6	0.028	0.013	0.059
Mercy Hospital of Folsom	163	4	0.025	0.010	0.061
Mercy Medical Center Merced	222	3	0.014	0.005	0.039
Mercy Medical Center Mt. Shasta	10	1	0.100	0.018	0.404
Mercy Medical Center Redding	304	25	0.082	0.056	0.119
Mercy San Juan Medical Center	372	10	0.027	0.015	0.049
Methodist Hospital of Sacramento	227	3	0.013	0.005	0.038
Mills-Peninsula Medical Center	265	5	0.019	0.008	0.043
Mission Community Hospital Panorama Campus	96	5	0.052	0.022	0.116
Modoc Medical Center	3	0	0.000	0.000	0.561
Montclair Hospital Medical Center	70	1	0.014	0.003	0.077
Monterey Park Hospital	76	2	0.026	0.007	0.091
Natividad Medical Center	101	2	0.020	0.005	0.069
NorthBay Medical Center	188	4	0.021	0.008	0.053
Northern Inyo Hospital	6	0	0.000	0.000	0.390
Northridge Hospital Medical Center	269	5	0.019	0.008	0.043
Norwalk Community Hospital	50	0	0.000	0.000	0.071
Novato Community Hospital	41	0	0.000	0.000	0.086
O'Connor Hospital	203	3	0.015	0.005	0.043
Olympia Medical Center	11	0	0.000	0.000	0.259
Orange County Global Medical Center	91	3	0.033	0.011	0.092
Oroville Hospital	193	4	0.021	0.008	0.052
PIH Health Good Samaritan Hospital	269	8	0.030	0.015	0.058
PIH Health Hospital Downey	317	7	0.022	0.011	0.045
PIH Health Hospital Whittier	454	4	0.009	0.003	0.022
Pacifica Hospital of the Valley	33	1	0.030	0.005	0.153
Palmdale Regional Medical Center	162	8	0.049	0.025	0.094
Palo Verde Hospital	13	0	0.000	0.000	0.228
Palomar Health Downtown Campus	203	1	0.005	0.001	0.027
Palomar Medical Center	205	7	0.034	0.017	0.069
Palomar Medical Center Poway	123	3	0.024	0.008	0.069
Paradise Valley Hospital	79	2	0.025	0.007	0.088
Petaluma Valley Hospital	12	3	0.250	0.089	0.532
Pioneers Memorial Healthcare District	33	1	0.030	0.005	0.153
Placentia Linda Hospital	79	2	0.025	0.007	0.088
Plumas District Hospital	5	0	0.000	0.000	0.434
Pomona Valley Hospital Medical Center	327	17	0.052	0.033	0.082
Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center	268	5	0.019	0.008	0.043
Providence Cedars Sinai Tarzana Medical Center	165	6	0.036	0.017	0.077
Providence Holy Cross Medical Center	350	9	0.026	0.014	0.048

Hospital	Cases	AE	AER	LCL	UCL
Providence Little Company of Mary Medical Center San Pedro	105	1	0.010	0.002	0.052
Providence Little Company of Mary Medical Center Torrance	401	11	0.027	0.015	0.048
Providence Mission Hospital	293	13	0.044	0.026	0.074
Providence Mission Hospital Laguna Beach	25	1	0.040	0.007	0.195
Providence Queen of the Valley Medical Center	123	4	0.033	0.013	0.081
Providence Redwood Memorial Hospital	19	1	0.053	0.009	0.246
Providence Saint John's Health Center	203	6	0.030	0.014	0.063
Providence Saint Joseph Medical Center	339	13	0.038	0.023	0.064
Providence Santa Rosa Memorial Hospital Montgomery	359	11	0.031	0.017	0.054
Providence St. Joseph Hospital	310	8	0.026	0.013	0.050
Providence St. Joseph Hospital Eureka	107	7	0.065	0.032	0.129
Providence St. Jude Medical Center	298	10	0.034	0.018	0.061
Redlands Community Hospital	219	6	0.027	0.013	0.058
Regional Medical Center of San Jose	248	3	0.012	0.004	0.035
Ridgecrest Regional Hospital	35	1	0.029	0.005	0.145
Riverside Community Hospital	336	9	0.027	0.014	0.050
Riverside University Health System Medical Center	278	18	0.065	0.041	0.100
Ronald Reagan UCLA Medical Center	222	9	0.041	0.021	0.075
Saint Agnes Medical Center	718	29	0.040	0.028	0.057
Saint Francis Memorial Hospital	64	0	0.000	0.000	0.057
Salinas Valley Health Medical Center	284	5	0.018	0.008	0.041
San Antonio Regional Hospital	378	12	0.032	0.018	0.055
San Dimas Community Hospital	66	2	0.030	0.008	0.104
San Gabriel Valley Medical Center	148	2	0.014	0.004	0.048
San Geronio Memorial Hospital	75	2	0.027	0.007	0.092
San Joaquin General Hospital	131	6	0.046	0.021	0.096
San Mateo Medical Center	52	2	0.038	0.011	0.130
San Ramon Regional Medical Center	116	1	0.009	0.002	0.047
Santa Barbara Cottage Hospital	399	9	0.023	0.012	0.042
Santa Clara Valley Medical Center	339	6	0.018	0.008	0.038
Santa Monica UCLA Medical Center and Orthopaedic Hospital	215	1	0.005	0.001	0.026
Scripps Green Hospital	154	3	0.019	0.007	0.056
Scripps Memorial Hospital Encinitas	319	3	0.009	0.003	0.027
Scripps Memorial Hospital La Jolla	327	5	0.015	0.007	0.035
Scripps Mercy Hospital	549	15	0.027	0.017	0.045
Sequoia Hospital	60	0	0.000	0.000	0.060
Sharp Chula Vista Medical Center	345	7	0.020	0.010	0.041
Sharp Coronado Hospital and Healthcare Center	90	2	0.022	0.006	0.077
Sharp Memorial Hospital	418	10	0.024	0.013	0.043

Hospital	Cases	AE	AER	LCL	UCL
Shasta Regional Medical Center	191	4	0.021	0.008	0.053
Sherman Oaks Hospital	54	3	0.056	0.019	0.151
Sierra Nevada Memorial Hospital	95	3	0.032	0.011	0.089
Sierra View Medical Center	186	4	0.022	0.008	0.054
South Coast Global Medical Center	29	1	0.034	0.006	0.172
Southern California Hospital at Culver City	175	3	0.017	0.006	0.049
Southern California Hospital at Hollywood	81	0	0.000	0.000	0.045
Southwest Healthcare System Murrieta	299	8	0.027	0.014	0.052
St. Bernardine Medical Center	305	15	0.049	0.030	0.080
St. Elizabeth Community Hospital	62	2	0.032	0.009	0.110
St. Francis Medical Center	290	4	0.014	0.005	0.035
St. John's Hospital Camarillo	80	5	0.062	0.027	0.138
St. John's Regional Medical Center	265	5	0.019	0.008	0.043
St. Joseph's Medical Center of Stockton	429	14	0.033	0.020	0.054
St. Louise Regional Hospital	98	1	0.010	0.002	0.056
St. Mary Medical Center Apple Valley	265	8	0.030	0.015	0.058
St. Mary Medical Center Long Beach	149	9	0.060	0.032	0.111
St. Mary's Medical Center	107	2	0.019	0.005	0.066
St. Rose Hospital	116	4	0.034	0.013	0.085
Stanford Health Care	469	14	0.030	0.018	0.049
Stanford Health Care Tri-Valley	126	2	0.016	0.004	0.056
Sutter Amador Hospital	37	1	0.027	0.005	0.138
Sutter Auburn Faith Hospital	62	0	0.000	0.000	0.058
Sutter Coast Hospital	39	1	0.026	0.005	0.132
Sutter Davis Hospital	74	0	0.000	0.000	0.049
Sutter Delta Medical Center	165	2	0.012	0.003	0.043
Sutter Lakeside Hospital	26	0	0.000	0.000	0.129
Sutter Medical Center Sacramento	469	14	0.030	0.018	0.049
Sutter Roseville Medical Center	624	25	0.040	0.027	0.058
Sutter Santa Rosa Regional Hospital	181	4	0.022	0.009	0.055
Sutter Solano Medical Center	99	4	0.040	0.016	0.099
Sutter Tracy Community Hospital	118	1	0.008	0.001	0.046
Tahoe Forest Hospital	21	0	0.000	0.000	0.155
Temecula Valley Hospital	230	8	0.035	0.018	0.067
Tenet Health Central Coast Sierra Vista Regional Medical Center	86	3	0.035	0.012	0.098
Tenet Health Central Coast Twin Cities Community Hospital	112	5	0.045	0.019	0.100
Torrance Memorial Medical Center	546	14	0.026	0.015	0.043
Tri-City Medical Center	170	6	0.035	0.016	0.075
UC Davis Medical Center	363	7	0.019	0.009	0.039
UC Irvine Medical Center	360	7	0.019	0.009	0.040
UC San Diego Health Hillcrest Hillcrest Medical Center	552	14	0.025	0.015	0.042

Hospital	Cases	AE	AER	LCL	UCL
UC San Francisco Medical Center	329	8	0.024	0.012	0.047
USC Arcadia Hospital	303	11	0.036	0.020	0.064
USC Verdugo Hills Hospital	103	5	0.049	0.021	0.109
Valley Presbyterian Hospital	177	11	0.062	0.035	0.108
Ventura County Medical Center	129	2	0.016	0.004	0.055
Victor Valley Global Medical Center	84	1	0.012	0.002	0.064
Washington Hospital Fremont	236	4	0.017	0.007	0.043
Watsonville Community Hospital	92	2	0.022	0.006	0.076
West Anaheim Medical Center	158	3	0.019	0.006	0.054
West Hills Hospital and Medical Center	152	2	0.013	0.004	0.047
Whittier Hospital Medical Center	134	2	0.015	0.004	0.053
Woodland Memorial Hospital	49	1	0.020	0.004	0.107

5.12.5 Summary

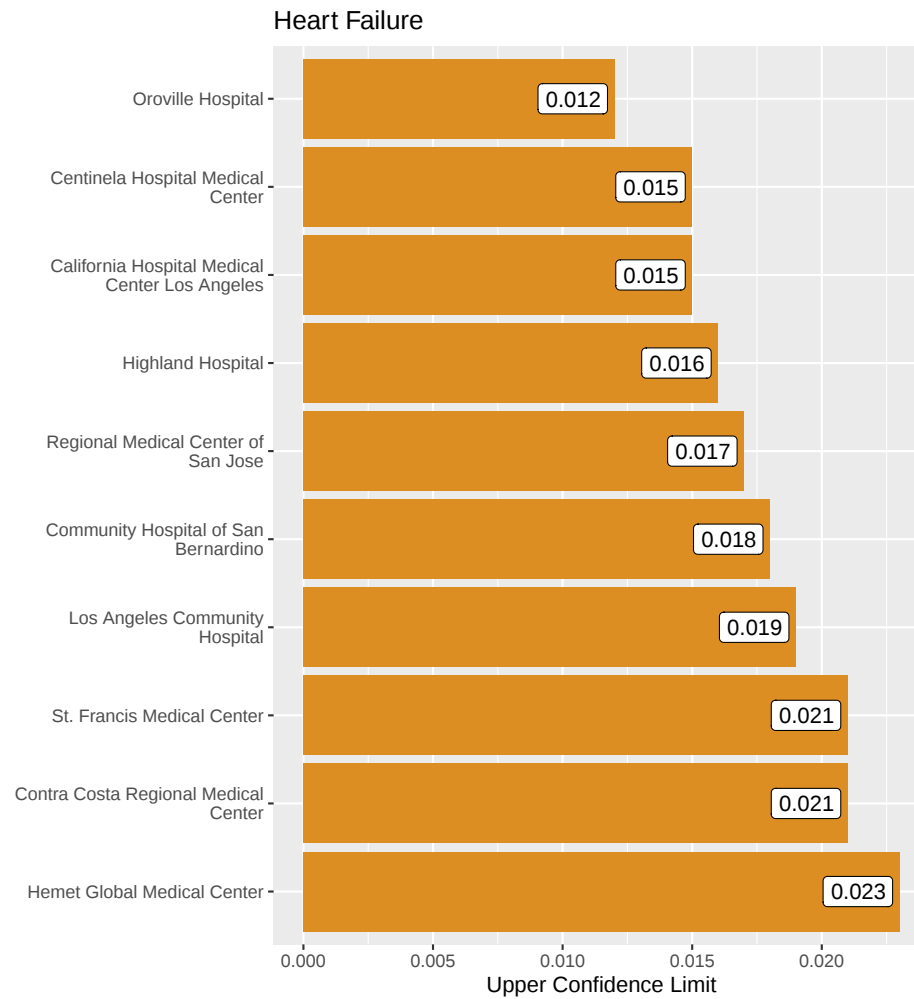
Table 5.36: GI Hemorrhage

Hospitals	Cases.tot	AE.tot	AER.avg	AER.se	UCL.avg	UCL.se
294	55840	1521	0.027	0.002	0.099	0.006

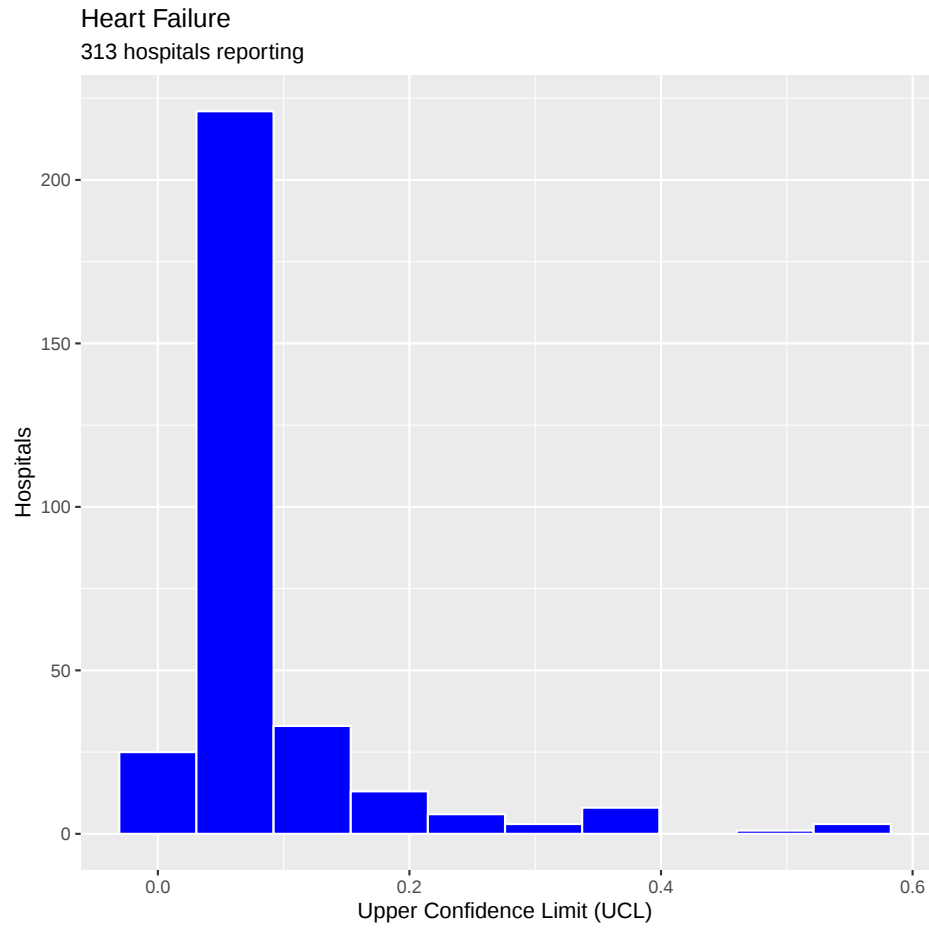
- **Cases.tot:** The total number of cases
- **AE.tot:** The total number of adverse events
- **AER.avg:** The average or arithmetic mean of the Adverse Event Rate for all hospitals.
 - Note: AER.avg is the average of the individual hospital AER values.
 - The GI Hemorrhage AER rate for all hospitals is $AE.tot/Cases.tot$ and is equal to 0.027.
- **AER.se:** The AER.avg standard error.
- **UCL.avg:** The average or arithmetic mean of the Upper Confidence Limit (UCL) for all hospitals.
 - The UCL is important to compare the relative performance of hospitals reporting zero Adverse Events.
- **UCL.se:** The UCL.avg standard error

5.13 Heart Failure

5.13.1 Ten Lowest Upper Confidence Limits (UCL) bar chart



5.13.2 Upper Confidence Limit (UCL) Histogram



5.13.3 Upper Confidence Limit (UCL) Listing

Hospitals listed in UCL ascending order:

Table 5.37: Heart Failure

Hospital	Cases	AE	AER	LCL	UCL
Oroville Hospital	467	1	0.002	0.000	0.012
California Hospital Medical Center Los Angeles	697	4	0.006	0.002	0.015
Centinela Hospital Medical Center	840	6	0.007	0.003	0.015
Highland Hospital	553	3	0.005	0.002	0.016
Regional Medical Center of San Jose	600	4	0.007	0.003	0.017
Community Hospital of San Bernardino	212	0	0.000	0.000	0.018
Los Angeles Community Hospital	302	1	0.003	0.001	0.019
Contra Costa Regional Medical Center	344	2	0.006	0.002	0.021
St. Francis Medical Center	483	4	0.008	0.003	0.021
Hemet Global Medical Center	442	4	0.009	0.004	0.023
St. Joseph's Medical Center of Stockton	960	14	0.015	0.009	0.024
Desert Valley Hospital	463	5	0.011	0.005	0.025
Los Angeles County/Harbor UCLA Medical Center	670	9	0.013	0.007	0.025
Palomar Health Downtown Campus	344	3	0.009	0.003	0.025
Riverside Community Hospital	733	10	0.014	0.007	0.025
Alta Bates Summit Medical Center Alta Bates Campus	268	2	0.007	0.002	0.027
Los Angeles County Olive View UCLA Medical Center	479	6	0.013	0.006	0.027
Cedars Sinai Marina Del Rey Hospital	200	1	0.005	0.001	0.028
Valley Presbyterian Hospital	414	5	0.012	0.005	0.028
Alta Bates Summit Medical Center	728	12	0.016	0.009	0.029
Menifee Global Medical Center	130	0	0.000	0.000	0.029
Scripps Mercy Hospital	1123	22	0.020	0.013	0.029
Sharp Memorial Hospital	714	12	0.017	0.010	0.029
Kaiser Foundation Hospital South Sacramento	807	15	0.019	0.011	0.030
Sutter Tracy Community Hospital	182	1	0.005	0.001	0.030
Adventist Health and Rideout	799	15	0.019	0.011	0.031
Alvarado Hospital Medical Center	231	2	0.009	0.002	0.031
USC Arcadia Hospital	456	7	0.015	0.007	0.031
Los Angeles County+USC Medical Center	1196	26	0.022	0.015	0.032
Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center	603	11	0.018	0.010	0.032
Temecula Valley Hospital	574	10	0.017	0.009	0.032
Adventist Health White Memorial	432	7	0.016	0.008	0.033
O'Connor Hospital	557	10	0.018	0.010	0.033
PIH Health Good Samaritan Hospital	555	10	0.018	0.010	0.033
Santa Clara Valley Medical Center	670	13	0.019	0.011	0.033

Hospital	Cases	AE	AER	LCL	UCL
Ventura County Medical Center	214	2	0.009	0.003	0.033
Arrowhead Regional Medical Center	566	11	0.019	0.011	0.034
Eisenhower Medical Center	890	20	0.022	0.015	0.034
Kern Medical Center	211	2	0.009	0.003	0.034
UC San Diego Health Hillcrest Hillcrest Medical Center	1065	25	0.023	0.016	0.034
Marian Regional Medical Center Arroyo Grande	105	0	0.000	0.000	0.035
Memorial Medical Center Modesto	837	19	0.023	0.015	0.035
St. Mary Medical Center Apple Valley	694	15	0.022	0.013	0.035
UC Davis Medical Center	1087	26	0.024	0.016	0.035
UC Irvine Medical Center	517	10	0.019	0.011	0.035
Grossmont Hospital	880	21	0.024	0.016	0.036
Kaiser Foundation Hospital Manteca	500	10	0.020	0.011	0.036
Southern California Hospital at Culver City	318	5	0.016	0.007	0.036
Adventist Health Glendale	663	15	0.023	0.014	0.037
Fountain Valley Regional Hospital & Medical Center Euclid	520	11	0.021	0.012	0.037
Kaiser Foundation Hospital San Diego Zion	937	23	0.025	0.016	0.037
PIH Health Hospital Whittier	837	20	0.024	0.016	0.037
Scripps Memorial Hospital Encinitas	525	11	0.021	0.012	0.037
Sutter Davis Hospital	151	1	0.007	0.001	0.037
UC San Francisco Medical Center	691	16	0.023	0.014	0.037
Community Regional Medical Center Fresno	1318	36	0.027	0.020	0.038
Emanuel Medical Center	515	11	0.021	0.012	0.038
Kaiser Foundation Hospital Oakland/Richmond	965	25	0.026	0.018	0.038
Kaiser Foundation Hospital Sacramento	584	13	0.022	0.013	0.038
Northridge Hospital Medical Center	442	9	0.020	0.011	0.038
Providence Holy Cross Medical Center	744	18	0.024	0.015	0.038
Victor Valley Global Medical Center	147	1	0.007	0.001	0.038
Corona Regional Medical Center Main	398	8	0.020	0.010	0.039
Mercy Medical Center Merced	635	15	0.024	0.014	0.039
Henry Mayo Newhall Hospital	425	9	0.021	0.011	0.040
San Geronio Memorial Hospital	92	0	0.000	0.000	0.040
Chino Valley Medical Center	211	3	0.014	0.005	0.041
Community Hospital of Huntington Park	211	3	0.014	0.005	0.041
Community Memorial Hospital San Buenaventura	381	8	0.021	0.011	0.041
Eden Medical Center	384	8	0.021	0.011	0.041
Hollywood Presbyterian Medical Center	533	13	0.024	0.014	0.041
Kaiser Foundation Hospital Santa Rosa	383	8	0.021	0.011	0.041
Palmdale Regional Medical Center	382	8	0.021	0.011	0.041
Riverside University Health System Medical Center	629	16	0.025	0.016	0.041
Saint Agnes Medical Center	1046	30	0.029	0.020	0.041

Hospital	Cases	AE	AER	LCL	UCL
Sierra View Medical Center	175	2	0.011	0.003	0.041
St. Mary Medical Center Long Beach	349	7	0.020	0.010	0.041
West Hills Hospital and Medical Center	312	6	0.019	0.009	0.041
Kaiser Foundation Hospital Baldwin Park	403	9	0.022	0.012	0.042
Sutter Delta Medical Center	555	14	0.025	0.015	0.042
Bakersfield Heart Hospital	329	7	0.021	0.010	0.043
Emanate Health Queen of the Valley Hospital	331	7	0.021	0.010	0.043
Good Samaritan Hospital San Jose	484	12	0.025	0.014	0.043
St. Bernardine Medical Center	746	21	0.028	0.018	0.043
Glendale Memorial Hospital and Health Center	292	6	0.021	0.009	0.044
Kaiser Foundation Hospital San Jose	439	11	0.025	0.014	0.044
Kaiser Foundation Hospital Walnut Creek	440	11	0.025	0.014	0.044
St. John's Regional Medical Center	497	13	0.026	0.015	0.044
Cedars Sinai Medical Center	1735	61	0.035	0.027	0.045
Huntington Hospital	621	18	0.029	0.018	0.045
John Muir Medical Center Concord Campus	706	21	0.030	0.020	0.045
PIH Health Hospital Downey	485	13	0.027	0.016	0.045
Paradise Valley Hospital	193	3	0.016	0.005	0.045
San Joaquin General Hospital	345	8	0.023	0.012	0.045
Dominican Hospital	366	9	0.025	0.013	0.046
El Camino Health	684	21	0.031	0.020	0.046
Marian Regional Medical Center	338	8	0.024	0.012	0.046
Natividad Medical Center	118	1	0.008	0.001	0.046
Orange County Global Medical Center	154	2	0.013	0.004	0.046
Petaluma Valley Hospital	80	0	0.000	0.000	0.046
Providence Santa Rosa Memorial Hospital	393	10	0.025	0.014	0.046
Montgomery					
Providence St. Joseph Hospital	476	13	0.027	0.016	0.046
Whittier Hospital Medical Center	187	3	0.016	0.005	0.046
MemorialCare Long Beach Medical Center	647	20	0.031	0.020	0.047
Mercy San Juan Medical Center	959	32	0.033	0.024	0.047
Providence Mission Hospital	329	8	0.024	0.012	0.047
Southwest Healthcare System Murrieta	439	12	0.027	0.016	0.047
Sutter Roseville Medical Center	756	24	0.032	0.021	0.047
Antelope Valley Hospital	506	15	0.030	0.018	0.048
Emanate Health Foothill Presbyterian Hospital	211	4	0.019	0.007	0.048
Enloe Medical Center? Esplanade	980	34	0.035	0.025	0.048
Sutter Santa Rosa Regional Hospital	239	5	0.021	0.009	0.048
California Pacific Medical Center Van Ness	546	17	0.031	0.020	0.049
Campus					
Loma Linda University Medical Center	999	36	0.036	0.026	0.049
Marshall Medical Center	235	5	0.021	0.009	0.049
Methodist Hospital of Sacramento	400	11	0.028	0.015	0.049
Watsonville Community Hospital	111	1	0.009	0.002	0.049

Hospital	Cases	AE	AER	LCL	UCL
Desert Regional Medical Center	411	12	0.029	0.017	0.050
Kaiser Foundation Hospital San Leandro	412	12	0.029	0.017	0.050
Providence Cedars Sinai Tarzana Medical Center	390	11	0.028	0.016	0.050
Providence Saint Joseph Medical Center	509	16	0.031	0.019	0.050
Salinas Valley Health Medical Center	516	16	0.031	0.019	0.050
Sharp Chula Vista Medical Center	685	23	0.034	0.022	0.050
MemorialCare Saddleback Medical Center	404	12	0.030	0.017	0.051
NorthBay Medical Center	506	16	0.032	0.020	0.051
Sherman Oaks Hospital	197	4	0.020	0.008	0.051
AHMC Anaheim Regional Medical Center	246	6	0.024	0.011	0.052
Kaiser Foundation Hospital Antioch	444	14	0.032	0.019	0.052
Mercy General Hospital	883	33	0.037	0.027	0.052
Mission Community Hospital Panorama Campus	136	2	0.015	0.004	0.052
East Los Angeles Doctors Hospital	103	1	0.010	0.002	0.053
Hoag Memorial Hospital Presbyterian	762	28	0.037	0.026	0.053
Pomona Valley Hospital Medical Center	782	29	0.037	0.026	0.053
St. Rose Hospital	269	7	0.026	0.013	0.053
Tri-City Medical Center	292	8	0.027	0.014	0.053
Doctors Medical Center	674	25	0.037	0.025	0.054
French Hospital Medical Center	239	6	0.025	0.012	0.054
Memorial Hospital of Gardena	360	11	0.031	0.017	0.054
Montclair Hospital Medical Center	100	1	0.010	0.002	0.054
Santa Monica UCLA Medical Center and Orthopaedic Hospital	383	12	0.031	0.018	0.054
St. Louise Regional Hospital	160	3	0.019	0.006	0.054
West Anaheim Medical Center	212	5	0.024	0.010	0.054
Beverly Hospital	283	8	0.028	0.014	0.055
Community Hospital of the Monterey Peninsula	488	17	0.035	0.022	0.055
Garden Grove Hospital and Medical Center	99	1	0.010	0.002	0.055
John F. Kennedy Memorial Hospital	208	5	0.024	0.010	0.055
Kaiser Foundation Hospital Downey	492	17	0.035	0.022	0.055
MemorialCare Orange Coast Medical Center	421	14	0.033	0.020	0.055
Scripps Memorial Hospital La Jolla	906	36	0.040	0.029	0.055
Adventist Health Bakersfield	547	20	0.037	0.024	0.056
Kaweah Health Medical Center	1045	44	0.042	0.032	0.056
Lakewood Regional Medical Center	417	14	0.034	0.020	0.056
Mercy Hospital of Folsom	366	12	0.033	0.019	0.056
Shasta Regional Medical Center	275	8	0.029	0.015	0.056
Stanford Health Care	774	31	0.040	0.028	0.056
Torrance Memorial Medical Center	1040	44	0.042	0.032	0.056
Adventist Health Lodi Memorial	333	11	0.033	0.019	0.058
College Medical Center	94	1	0.011	0.002	0.058
Kaiser Foundation Hospital Woodland Hills	313	10	0.032	0.017	0.058
Adventist Health Ukiah Valley	144	3	0.021	0.007	0.059

Hospital	Cases	AE	AER	LCL	UCL
California Pacific Medical Center Mission Bernal Campus	240	7	0.029	0.014	0.059
Kaiser Foundation Hospital Fontana	734	31	0.042	0.030	0.059
Loma Linda University Medical Center Murrieta	477	18	0.038	0.024	0.059
San Ramon Regional Medical Center	194	5	0.026	0.011	0.059
Alameda Hospital	118	2	0.017	0.005	0.060
La Palma Intercommunity Hospital	90	1	0.011	0.002	0.060
Providence Little Company of Mary Medical Center Torrance	706	30	0.042	0.030	0.060
San Antonio Regional Hospital	570	23	0.040	0.027	0.060
Adventist Health Simi Valley	254	8	0.031	0.016	0.061
Kaiser Foundation Hospital Orange County Anaheim	619	26	0.042	0.029	0.061
USC Verdugo Hills Hospital	165	4	0.024	0.009	0.061
John Muir Medical Center Walnut Creek Campus	492	20	0.041	0.026	0.062
Los Robles Hospital & Medical Center	396	15	0.038	0.023	0.062
Palomar Medical Center	312	11	0.035	0.020	0.062
San Mateo Medical Center	113	2	0.018	0.005	0.062
Doctors Hospital of Riverside	203	6	0.030	0.014	0.063
Bakersfield Memorial Hospital	658	30	0.046	0.032	0.064
Garfield Medical Center	320	12	0.038	0.022	0.064
Kaiser Foundation Hospital San Rafael	133	3	0.023	0.008	0.064
Los Alamitos Medical Center	361	14	0.039	0.023	0.064
Mercy Hospital Bakersfield	281	10	0.036	0.019	0.064
Sequoia Hospital	177	5	0.028	0.012	0.064
Barstow Community Hospital	131	3	0.023	0.008	0.065
Mills-Peninsula Medical Center	525	23	0.044	0.029	0.065
San Gabriel Valley Medical Center	174	5	0.029	0.012	0.065
Sharp Coronado Hospital and Healthcare Center	83	1	0.012	0.002	0.065
Providence Queen of the Valley Medical Center	193	6	0.031	0.014	0.066
Providence St. Jude Medical Center	423	18	0.043	0.027	0.066
St. John's Hospital Camarillo	152	4	0.026	0.010	0.066
Emanate Health Inter Community Hospital	345	14	0.041	0.024	0.067
Kaiser Foundation Hospital South San Francisco	420	18	0.043	0.027	0.067
Sutter Medical Center Sacramento	886	45	0.051	0.038	0.067
Washington Hospital Fremont	365	15	0.041	0.025	0.067
Kaiser Foundation Hospital Vacaville	207	7	0.034	0.016	0.068
Foothill Regional Medical Center	78	1	0.013	0.002	0.069
Kaiser Foundation Hospital Santa Clara	765	39	0.051	0.038	0.069
Providence St. Joseph Hospital Eureka	299	12	0.040	0.023	0.069
St. Elizabeth Community Hospital	145	4	0.028	0.011	0.069
Stanford Health Care Tri-Valley	298	12	0.040	0.023	0.069
St. Mary's Medical Center	259	10	0.039	0.021	0.070

Hospital	Cases	AE	AER	LCL	UCL
Chinese Hospital	99	2	0.020	0.006	0.071
Norwalk Community Hospital	76	1	0.013	0.002	0.071
Providence Saint John's Health Center	307	13	0.042	0.025	0.071
Sutter Lakeside Hospital	76	1	0.013	0.002	0.071
Dameron Hospital	249	10	0.040	0.022	0.072
Kaiser Foundation Hospital Redwood City	195	7	0.036	0.017	0.072
Kaiser Foundation Hospital San Francisco	459	22	0.048	0.032	0.072
Ronald Reagan UCLA Medical Center	459	22	0.048	0.032	0.072
Sutter Solano Medical Center	194	7	0.036	0.018	0.073
Kaiser Foundation Hospital Fremont	243	10	0.041	0.023	0.074
Placentia Linda Hospital	153	5	0.033	0.014	0.074
Providence Little Company of Mary Medical Center San Pedro	223	9	0.040	0.021	0.075
Woodland Memorial Hospital	113	3	0.027	0.009	0.075
Casa Colina Hospital	47	0	0.000	0.000	0.076
Madera Community Hospital	131	4	0.031	0.012	0.076
Kaiser Foundation Hospital Los Angeles	653	37	0.057	0.041	0.077
Kaiser Foundation Hospital Roseville	641	36	0.056	0.041	0.077
Coast Plaza Hospital	109	3	0.028	0.009	0.078
Redlands Community Hospital	232	10	0.043	0.024	0.078
Santa Barbara Cottage Hospital	434	23	0.053	0.036	0.078
Adventist Health Tulare	88	2	0.023	0.006	0.079
Alhambra Hospital Medical Center	125	4	0.032	0.013	0.079
Encino Hospital Medical Center	68	1	0.015	0.003	0.079
Sierra Nevada Memorial Hospital	243	11	0.045	0.025	0.079
AHMC Seton Medical Center	224	10	0.045	0.024	0.080
Adventist Health Hanford	365	19	0.052	0.034	0.080
California Pacific Medical Center Davies Campus Hospital	67	1	0.015	0.003	0.080
MarinHealth Medical Center	286	14	0.049	0.029	0.080
Clovis Community Medical Center	448	25	0.056	0.038	0.081
Kaiser Foundation Hospital Fresno	358	19	0.053	0.034	0.081
Sutter Amador Hospital	85	2	0.024	0.006	0.082
Adventist Health Clearlake	64	1	0.016	0.003	0.083
Novato Community Hospital	64	1	0.016	0.003	0.083
Lompoc Valley Medical Center	83	2	0.024	0.007	0.084
Tenet Health Central Coast Twin Cities Community Hospital	134	5	0.037	0.016	0.084
Kaiser Foundation Hospital South Bay	469	28	0.060	0.042	0.085
Kaiser Foundation Hospital West LA	343	19	0.055	0.036	0.085
Pioneers Memorial Healthcare District	100	3	0.030	0.010	0.085
Monterey Park Hospital	148	6	0.041	0.019	0.086
Kaiser Foundation Hospital & Rehab Center Vallejo	336	19	0.057	0.036	0.087

Hospital	Cases	AE	AER	LCL	UCL
Good Samaritan Hospital Bakersfield	40	0	0.000	0.000	0.088
Adventist Health Delano	78	2	0.026	0.007	0.089
Adventist Health Tehachapi Valley	76	2	0.026	0.007	0.091
San Dimas Community Hospital	76	2	0.026	0.007	0.091
Sutter Auburn Faith Hospital	124	5	0.040	0.017	0.091
Colusa Medical Center	38	0	0.000	0.000	0.092
Adventist Health St. Helena	135	6	0.044	0.021	0.094
El Centro Regional Medical Center	203	11	0.054	0.031	0.094
Kaiser Foundation Hospital Riverside	228	13	0.057	0.034	0.095
Scripps Green Hospital	73	2	0.027	0.008	0.095
Hi-Desert Medical Center	72	2	0.028	0.008	0.096
Southern California Hospital at Hollywood	55	1	0.018	0.003	0.096
Huntington Beach Hospital	100	4	0.040	0.016	0.098
Doctors Hospital of Manteca	164	9	0.055	0.029	0.101
Kaiser Foundation Hospital Panorama City	218	14	0.064	0.039	0.105
Providence Mission Hospital Laguna Beach	50	1	0.020	0.004	0.105
Saint Francis Memorial Hospital	107	5	0.047	0.020	0.105
Mark Twain Medical Center	48	1	0.021	0.004	0.109
Adventist Health Mendocino Coast	31	0	0.000	0.000	0.110
Mercy Medical Center Redding	391	31	0.079	0.056	0.110
Kaiser Foundation Hospital Moreno Valley	171	11	0.064	0.036	0.112
Anaheim Global Medical Center	46	1	0.022	0.004	0.113
South Coast Global Medical Center	46	1	0.022	0.004	0.113
Tenet Health Central Coast Sierra Vista	74	3	0.041	0.014	0.113
Regional Medical Center					
Memorial Hospital Los Banos	71	3	0.042	0.014	0.117
Sutter Coast Hospital	82	4	0.049	0.019	0.119
Hazel Hawkins Memorial Hospital	68	3	0.044	0.015	0.122
Fairchild Medical Center	42	1	0.024	0.004	0.123
John C Fremont Healthcare District	42	1	0.024	0.004	0.123
Adventist Health Sonora Greenley	183	14	0.077	0.046	0.124
Palomar Medical Center Poway	151	11	0.073	0.041	0.126
Pacifica Hospital of the Valley	26	0	0.000	0.000	0.129
Ridgecrest Regional Hospital	51	2	0.039	0.011	0.132
Greater El Monte Community Hospital	100	7	0.070	0.034	0.137
L.A. Downtown Medical Center	37	1	0.027	0.005	0.138
Keck Hospital of USC	238	23	0.097	0.065	0.141
Oak Valley Hospital District	23	0	0.000	0.000	0.143
Adventist Health Reedley	22	0	0.000	0.000	0.149
Barton Memorial Hospital	54	3	0.056	0.019	0.151
Goleta Valley Cottage Hospital	21	0	0.000	0.000	0.155
Adventist Health Howard Memorial	32	1	0.031	0.006	0.157
Tahoe Forest Hospital	32	1	0.031	0.006	0.157
Mad River Community Hospital	30	1	0.033	0.006	0.167

Hospital	Cases	AE	AER	LCL	UCL
Northern Inyo Hospital	19	0	0.000	0.000	0.168
Banner Lassen Medical Center	29	1	0.034	0.006	0.172
Colorado River Medical Center	17	0	0.000	0.000	0.184
Orchard Hospital	17	0	0.000	0.000	0.184
Community Hospital Long Beach	26	1	0.038	0.007	0.189
Providence Redwood Memorial Hospital	34	2	0.059	0.016	0.191
Healdsburg Hospital	16	0	0.000	0.000	0.194
Sonoma Valley Hospital	33	2	0.061	0.017	0.196
Olympia Medical Center	23	1	0.043	0.008	0.210
Coalinga Regional Medical Center	14	0	0.000	0.000	0.215
Chapman Global Medical Center	28	2	0.071	0.020	0.226
Los Angeles County/Rancho Los Amigos National Rehab Center	21	1	0.048	0.008	0.227
Mammoth Hospital	13	0	0.000	0.000	0.228
Mayers Memorial Hospital	12	0	0.000	0.000	0.242
Mercy Medical Center Mt. Shasta	36	4	0.111	0.044	0.253
Bear Valley Community Hospital	9	0	0.000	0.000	0.299
Kern Valley Healthcare District	9	0	0.000	0.000	0.299
Glenn Medical Center	8	0	0.000	0.000	0.324
City of Hope Helford Clinical Research Hospital	12	1	0.083	0.015	0.354
Ojai Valley Community Hospital	7	0	0.000	0.000	0.354
Palo Verde Hospital	7	0	0.000	0.000	0.354
Plumas District Hospital	12	1	0.083	0.015	0.354
Santa Ynez Valley Cottage Hospital	7	0	0.000	0.000	0.354
Trinity Hospital	7	0	0.000	0.000	0.354
West Covina Medical Center	7	0	0.000	0.000	0.354
George L. Mee Memorial Hospital	6	0	0.000	0.000	0.390
Mountains Community Hospital	4	0	0.000	0.000	0.490
Laguna Honda Hospital and Rehab Center	6	1	0.167	0.030	0.564
Modoc Medical Center	6	1	0.167	0.030	0.564
Seneca District Hospital	6	1	0.167	0.030	0.564

5.13.4 Hospital Data Table

Table 5.38: Heart Failure

Hospital	Cases	AE	AER	LCL	UCL
AHMC Anaheim Regional Medical Center	246	6	0.024	0.011	0.052
AHMC Seton Medical Center	224	10	0.045	0.024	0.080
Adventist Health Bakersfield	547	20	0.037	0.024	0.056
Adventist Health Clearlake	64	1	0.016	0.003	0.083
Adventist Health Delano	78	2	0.026	0.007	0.089
Adventist Health Glendale	663	15	0.023	0.014	0.037
Adventist Health Hanford	365	19	0.052	0.034	0.080
Adventist Health Howard Memorial	32	1	0.031	0.006	0.157
Adventist Health Lodi Memorial	333	11	0.033	0.019	0.058
Adventist Health Mendocino Coast	31	0	0.000	0.000	0.110
Adventist Health Reedley	22	0	0.000	0.000	0.149
Adventist Health Simi Valley	254	8	0.031	0.016	0.061
Adventist Health Sonora Greenley	183	14	0.077	0.046	0.124
Adventist Health St. Helena	135	6	0.044	0.021	0.094
Adventist Health Tehachapi Valley	76	2	0.026	0.007	0.091
Adventist Health Tulare	88	2	0.023	0.006	0.079
Adventist Health Ukiah Valley	144	3	0.021	0.007	0.059
Adventist Health White Memorial	432	7	0.016	0.008	0.033
Adventist Health and Rideout	799	15	0.019	0.011	0.031
Alameda Hospital	118	2	0.017	0.005	0.060
Alhambra Hospital Medical Center	125	4	0.032	0.013	0.079
Alta Bates Summit Medical Center	728	12	0.016	0.009	0.029
Alta Bates Summit Medical Center Alta Bates Campus	268	2	0.007	0.002	0.027
Alvarado Hospital Medical Center	231	2	0.009	0.002	0.031
Anaheim Global Medical Center	46	1	0.022	0.004	0.113
Antelope Valley Hospital	506	15	0.030	0.018	0.048
Arrowhead Regional Medical Center	566	11	0.019	0.011	0.034
Bakersfield Heart Hospital	329	7	0.021	0.010	0.043
Bakersfield Memorial Hospital	658	30	0.046	0.032	0.064
Banner Lassen Medical Center	29	1	0.034	0.006	0.172
Barstow Community Hospital	131	3	0.023	0.008	0.065
Barton Memorial Hospital	54	3	0.056	0.019	0.151
Bear Valley Community Hospital	9	0	0.000	0.000	0.299
Beverly Hospital	283	8	0.028	0.014	0.055
California Hospital Medical Center Los Angeles	697	4	0.006	0.002	0.015
California Pacific Medical Center Davies	67	1	0.015	0.003	0.080
Campus Hospital					
California Pacific Medical Center Mission Bernal Campus	240	7	0.029	0.014	0.059

Hospital	Cases	AE	AER	LCL	UCL
California Pacific Medical Center Van Ness Campus	546	17	0.031	0.020	0.049
Casa Colina Hospital	47	0	0.000	0.000	0.076
Cedars Sinai Marina Del Rey Hospital	200	1	0.005	0.001	0.028
Cedars Sinai Medical Center	1735	61	0.035	0.027	0.045
Centinela Hospital Medical Center	840	6	0.007	0.003	0.015
Chapman Global Medical Center	28	2	0.071	0.020	0.226
Chinese Hospital	99	2	0.020	0.006	0.071
Chino Valley Medical Center	211	3	0.014	0.005	0.041
City of Hope Helford Clinical Research Hospital	12	1	0.083	0.015	0.354
Clovis Community Medical Center	448	25	0.056	0.038	0.081
Coalinga Regional Medical Center	14	0	0.000	0.000	0.215
Coast Plaza Hospital	109	3	0.028	0.009	0.078
College Medical Center	94	1	0.011	0.002	0.058
Colorado River Medical Center	17	0	0.000	0.000	0.184
Colusa Medical Center	38	0	0.000	0.000	0.092
Community Hospital Long Beach	26	1	0.038	0.007	0.189
Community Hospital of Huntington Park	211	3	0.014	0.005	0.041
Community Hospital of San Bernardino	212	0	0.000	0.000	0.018
Community Hospital of the Monterey Peninsula	488	17	0.035	0.022	0.055
Community Memorial Hospital San Buenaventura	381	8	0.021	0.011	0.041
Community Regional Medical Center Fresno	1318	36	0.027	0.020	0.038
Contra Costa Regional Medical Center	344	2	0.006	0.002	0.021
Corona Regional Medical Center Main	398	8	0.020	0.010	0.039
Dameron Hospital	249	10	0.040	0.022	0.072
Desert Regional Medical Center	411	12	0.029	0.017	0.050
Desert Valley Hospital	463	5	0.011	0.005	0.025
Doctors Hospital of Manteca	164	9	0.055	0.029	0.101
Doctors Hospital of Riverside	203	6	0.030	0.014	0.063
Doctors Medical Center	674	25	0.037	0.025	0.054
Dominican Hospital	366	9	0.025	0.013	0.046
East Los Angeles Doctors Hospital	103	1	0.010	0.002	0.053
Eden Medical Center	384	8	0.021	0.011	0.041
Eisenhower Medical Center	890	20	0.022	0.015	0.034
El Camino Health	684	21	0.031	0.020	0.046
El Centro Regional Medical Center	203	11	0.054	0.031	0.094
Emanate Health Foothill Presbyterian Hospital	211	4	0.019	0.007	0.048
Emanate Health Inter Community Hospital	345	14	0.041	0.024	0.067
Emanate Health Queen of the Valley Hospital	331	7	0.021	0.010	0.043
Emanuel Medical Center	515	11	0.021	0.012	0.038
Encino Hospital Medical Center	68	1	0.015	0.003	0.079
Enloe Medical Center? Esplanade	980	34	0.035	0.025	0.048
Fairchild Medical Center	42	1	0.024	0.004	0.123

Hospital	Cases	AE	AER	LCL	UCL
Foothill Regional Medical Center	78	1	0.013	0.002	0.069
Fountain Valley Regional Hospital & Medical Center Euclid	520	11	0.021	0.012	0.037
French Hospital Medical Center	239	6	0.025	0.012	0.054
Garden Grove Hospital and Medical Center	99	1	0.010	0.002	0.055
Garfield Medical Center	320	12	0.038	0.022	0.064
George L. Mee Memorial Hospital	6	0	0.000	0.000	0.390
Glendale Memorial Hospital and Health Center	292	6	0.021	0.009	0.044
Glenn Medical Center	8	0	0.000	0.000	0.324
Goleta Valley Cottage Hospital	21	0	0.000	0.000	0.155
Good Samaritan Hospital Bakersfield	40	0	0.000	0.000	0.088
Good Samaritan Hospital San Jose	484	12	0.025	0.014	0.043
Greater El Monte Community Hospital	100	7	0.070	0.034	0.137
Grossmont Hospital	880	21	0.024	0.016	0.036
Hazel Hawkins Memorial Hospital	68	3	0.044	0.015	0.122
Healdsburg Hospital	16	0	0.000	0.000	0.194
Hemet Global Medical Center	442	4	0.009	0.004	0.023
Henry Mayo Newhall Hospital	425	9	0.021	0.011	0.040
Hi-Desert Medical Center	72	2	0.028	0.008	0.096
Highland Hospital	553	3	0.005	0.002	0.016
Hoag Memorial Hospital Presbyterian	762	28	0.037	0.026	0.053
Hollywood Presbyterian Medical Center	533	13	0.024	0.014	0.041
Huntington Beach Hospital	100	4	0.040	0.016	0.098
Huntington Hospital	621	18	0.029	0.018	0.045
John C Fremont Healthcare District	42	1	0.024	0.004	0.123
John F. Kennedy Memorial Hospital	208	5	0.024	0.010	0.055
John Muir Medical Center Concord Campus	706	21	0.030	0.020	0.045
John Muir Medical Center Walnut Creek Campus	492	20	0.041	0.026	0.062
Kaiser Foundation Hospital & Rehab Center Vallejo	336	19	0.057	0.036	0.087
Kaiser Foundation Hospital Antioch	444	14	0.032	0.019	0.052
Kaiser Foundation Hospital Baldwin Park	403	9	0.022	0.012	0.042
Kaiser Foundation Hospital Downey	492	17	0.035	0.022	0.055
Kaiser Foundation Hospital Fontana	734	31	0.042	0.030	0.059
Kaiser Foundation Hospital Fremont	243	10	0.041	0.023	0.074
Kaiser Foundation Hospital Fresno	358	19	0.053	0.034	0.081
Kaiser Foundation Hospital Los Angeles	653	37	0.057	0.041	0.077
Kaiser Foundation Hospital Manteca	500	10	0.020	0.011	0.036
Kaiser Foundation Hospital Moreno Valley	171	11	0.064	0.036	0.112
Kaiser Foundation Hospital Oakland/Richmond	965	25	0.026	0.018	0.038
Kaiser Foundation Hospital Orange County Anaheim	619	26	0.042	0.029	0.061
Kaiser Foundation Hospital Panorama City	218	14	0.064	0.039	0.105

Hospital	Cases	AE	AER	LCL	UCL
Kaiser Foundation Hospital Redwood City	195	7	0.036	0.017	0.072
Kaiser Foundation Hospital Riverside	228	13	0.057	0.034	0.095
Kaiser Foundation Hospital Roseville	641	36	0.056	0.041	0.077
Kaiser Foundation Hospital Sacramento	584	13	0.022	0.013	0.038
Kaiser Foundation Hospital San Diego Zion	937	23	0.025	0.016	0.037
Kaiser Foundation Hospital San Francisco	459	22	0.048	0.032	0.072
Kaiser Foundation Hospital San Jose	439	11	0.025	0.014	0.044
Kaiser Foundation Hospital San Leandro	412	12	0.029	0.017	0.050
Kaiser Foundation Hospital San Rafael	133	3	0.023	0.008	0.064
Kaiser Foundation Hospital Santa Clara	765	39	0.051	0.038	0.069
Kaiser Foundation Hospital Santa Rosa	383	8	0.021	0.011	0.041
Kaiser Foundation Hospital South Bay	469	28	0.060	0.042	0.085
Kaiser Foundation Hospital South Sacramento	807	15	0.019	0.011	0.030
Kaiser Foundation Hospital South San Francisco	420	18	0.043	0.027	0.067
Kaiser Foundation Hospital Vacaville	207	7	0.034	0.016	0.068
Kaiser Foundation Hospital Walnut Creek	440	11	0.025	0.014	0.044
Kaiser Foundation Hospital West LA	343	19	0.055	0.036	0.085
Kaiser Foundation Hospital Woodland Hills	313	10	0.032	0.017	0.058
Kaweah Health Medical Center	1045	44	0.042	0.032	0.056
Keck Hospital of USC	238	23	0.097	0.065	0.141
Kern Medical Center	211	2	0.009	0.003	0.034
Kern Valley Healthcare District	9	0	0.000	0.000	0.299
L.A. Downtown Medical Center	37	1	0.027	0.005	0.138
La Palma Intercommunity Hospital	90	1	0.011	0.002	0.060
Laguna Honda Hospital and Rehab Center	6	1	0.167	0.030	0.564
Lakewood Regional Medical Center	417	14	0.034	0.020	0.056
Loma Linda University Medical Center	999	36	0.036	0.026	0.049
Loma Linda University Medical Center Murrieta	477	18	0.038	0.024	0.059
Lompoc Valley Medical Center	83	2	0.024	0.007	0.084
Los Alamitos Medical Center	361	14	0.039	0.023	0.064
Los Angeles Community Hospital	302	1	0.003	0.001	0.019
Los Angeles County Olive View UCLA Medical Center	479	6	0.013	0.006	0.027
Los Angeles County+USC Medical Center	1196	26	0.022	0.015	0.032
Los Angeles County/Harbor UCLA Medical Center	670	9	0.013	0.007	0.025
Los Angeles County/Rancho Los Amigos National Rehab Center	21	1	0.048	0.008	0.227
Los Robles Hospital & Medical Center	396	15	0.038	0.023	0.062
Mad River Community Hospital	30	1	0.033	0.006	0.167
Madera Community Hospital	131	4	0.031	0.012	0.076
Mammoth Hospital	13	0	0.000	0.000	0.228
Marian Regional Medical Center	338	8	0.024	0.012	0.046
Marian Regional Medical Center Arroyo Grande	105	0	0.000	0.000	0.035

Hospital	Cases	AE	AER	LCL	UCL
MarinHealth Medical Center	286	14	0.049	0.029	0.080
Mark Twain Medical Center	48	1	0.021	0.004	0.109
Marshall Medical Center	235	5	0.021	0.009	0.049
Mayers Memorial Hospital	12	0	0.000	0.000	0.242
Memorial Hospital Los Banos	71	3	0.042	0.014	0.117
Memorial Hospital of Gardena	360	11	0.031	0.017	0.054
Memorial Medical Center Modesto	837	19	0.023	0.015	0.035
MemorialCare Long Beach Medical Center	647	20	0.031	0.020	0.047
MemorialCare Orange Coast Medical Center	421	14	0.033	0.020	0.055
MemorialCare Saddleback Medical Center	404	12	0.030	0.017	0.051
Menifee Global Medical Center	130	0	0.000	0.000	0.029
Mercy General Hospital	883	33	0.037	0.027	0.052
Mercy Hospital Bakersfield	281	10	0.036	0.019	0.064
Mercy Hospital of Folsom	366	12	0.033	0.019	0.056
Mercy Medical Center Merced	635	15	0.024	0.014	0.039
Mercy Medical Center Mt. Shasta	36	4	0.111	0.044	0.253
Mercy Medical Center Redding	391	31	0.079	0.056	0.110
Mercy San Juan Medical Center	959	32	0.033	0.024	0.047
Methodist Hospital of Sacramento	400	11	0.028	0.015	0.049
Mills-Peninsula Medical Center	525	23	0.044	0.029	0.065
Mission Community Hospital Panorama Campus	136	2	0.015	0.004	0.052
Modoc Medical Center	6	1	0.167	0.030	0.564
Montclair Hospital Medical Center	100	1	0.010	0.002	0.054
Monterey Park Hospital	148	6	0.041	0.019	0.086
Mountains Community Hospital	4	0	0.000	0.000	0.490
Natividad Medical Center	118	1	0.008	0.001	0.046
NorthBay Medical Center	506	16	0.032	0.020	0.051
Northern Inyo Hospital	19	0	0.000	0.000	0.168
Northridge Hospital Medical Center	442	9	0.020	0.011	0.038
Norwalk Community Hospital	76	1	0.013	0.002	0.071
Novato Community Hospital	64	1	0.016	0.003	0.083
O'Connor Hospital	557	10	0.018	0.010	0.033
Oak Valley Hospital District	23	0	0.000	0.000	0.143
Ojai Valley Community Hospital	7	0	0.000	0.000	0.354
Olympia Medical Center	23	1	0.043	0.008	0.210
Orange County Global Medical Center	154	2	0.013	0.004	0.046
Orchard Hospital	17	0	0.000	0.000	0.184
Oroville Hospital	467	1	0.002	0.000	0.012
PIH Health Good Samaritan Hospital	555	10	0.018	0.010	0.033
PIH Health Hospital Downey	485	13	0.027	0.016	0.045
PIH Health Hospital Whittier	837	20	0.024	0.016	0.037
Pacifica Hospital of the Valley	26	0	0.000	0.000	0.129
Palmdale Regional Medical Center	382	8	0.021	0.011	0.041
Palo Verde Hospital	7	0	0.000	0.000	0.354

Hospital	Cases	AE	AER	LCL	UCL
Palomar Health Downtown Campus	344	3	0.009	0.003	0.025
Palomar Medical Center	312	11	0.035	0.020	0.062
Palomar Medical Center Poway	151	11	0.073	0.041	0.126
Paradise Valley Hospital	193	3	0.016	0.005	0.045
Petaluma Valley Hospital	80	0	0.000	0.000	0.046
Pioneers Memorial Healthcare District	100	3	0.030	0.010	0.085
Placentia Linda Hospital	153	5	0.033	0.014	0.074
Plumas District Hospital	12	1	0.083	0.015	0.354
Pomona Valley Hospital Medical Center	782	29	0.037	0.026	0.053
Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center	603	11	0.018	0.010	0.032
Providence Cedars Sinai Tarzana Medical Center	390	11	0.028	0.016	0.050
Providence Holy Cross Medical Center	744	18	0.024	0.015	0.038
Providence Little Company of Mary Medical Center San Pedro	223	9	0.040	0.021	0.075
Providence Little Company of Mary Medical Center Torrance	706	30	0.042	0.030	0.060
Providence Mission Hospital	329	8	0.024	0.012	0.047
Providence Mission Hospital Laguna Beach	50	1	0.020	0.004	0.105
Providence Queen of the Valley Medical Center	193	6	0.031	0.014	0.066
Providence Redwood Memorial Hospital	34	2	0.059	0.016	0.191
Providence Saint John's Health Center	307	13	0.042	0.025	0.071
Providence Saint Joseph Medical Center	509	16	0.031	0.019	0.050
Providence Santa Rosa Memorial Hospital Montgomery	393	10	0.025	0.014	0.046
Providence St. Joseph Hospital	476	13	0.027	0.016	0.046
Providence St. Joseph Hospital Eureka	299	12	0.040	0.023	0.069
Providence St. Jude Medical Center	423	18	0.043	0.027	0.066
Redlands Community Hospital	232	10	0.043	0.024	0.078
Regional Medical Center of San Jose	600	4	0.007	0.003	0.017
Ridgecrest Regional Hospital	51	2	0.039	0.011	0.132
Riverside Community Hospital	733	10	0.014	0.007	0.025
Riverside University Health System Medical Center	629	16	0.025	0.016	0.041
Ronald Reagan UCLA Medical Center	459	22	0.048	0.032	0.072
Saint Agnes Medical Center	1046	30	0.029	0.020	0.041
Saint Francis Memorial Hospital	107	5	0.047	0.020	0.105
Salinas Valley Health Medical Center	516	16	0.031	0.019	0.050
San Antonio Regional Hospital	570	23	0.040	0.027	0.060
San Dimas Community Hospital	76	2	0.026	0.007	0.091
San Gabriel Valley Medical Center	174	5	0.029	0.012	0.065
San Geronio Memorial Hospital	92	0	0.000	0.000	0.040
San Joaquin General Hospital	345	8	0.023	0.012	0.045
San Mateo Medical Center	113	2	0.018	0.005	0.062

Hospital	Cases	AE	AER	LCL	UCL
San Ramon Regional Medical Center	194	5	0.026	0.011	0.059
Santa Barbara Cottage Hospital	434	23	0.053	0.036	0.078
Santa Clara Valley Medical Center	670	13	0.019	0.011	0.033
Santa Monica UCLA Medical Center and Orthopaedic Hospital	383	12	0.031	0.018	0.054
Santa Ynez Valley Cottage Hospital	7	0	0.000	0.000	0.354
Scripps Green Hospital	73	2	0.027	0.008	0.095
Scripps Memorial Hospital Encinitas	525	11	0.021	0.012	0.037
Scripps Memorial Hospital La Jolla	906	36	0.040	0.029	0.055
Scripps Mercy Hospital	1123	22	0.020	0.013	0.029
Seneca District Hospital	6	1	0.167	0.030	0.564
Sequoia Hospital	177	5	0.028	0.012	0.064
Sharp Chula Vista Medical Center	685	23	0.034	0.022	0.050
Sharp Coronado Hospital and Healthcare Center	83	1	0.012	0.002	0.065
Sharp Memorial Hospital	714	12	0.017	0.010	0.029
Shasta Regional Medical Center	275	8	0.029	0.015	0.056
Sherman Oaks Hospital	197	4	0.020	0.008	0.051
Sierra Nevada Memorial Hospital	243	11	0.045	0.025	0.079
Sierra View Medical Center	175	2	0.011	0.003	0.041
Sonoma Valley Hospital	33	2	0.061	0.017	0.196
South Coast Global Medical Center	46	1	0.022	0.004	0.113
Southern California Hospital at Culver City	318	5	0.016	0.007	0.036
Southern California Hospital at Hollywood	55	1	0.018	0.003	0.096
Southwest Healthcare System Murrieta	439	12	0.027	0.016	0.047
St. Bernardine Medical Center	746	21	0.028	0.018	0.043
St. Elizabeth Community Hospital	145	4	0.028	0.011	0.069
St. Francis Medical Center	483	4	0.008	0.003	0.021
St. John's Hospital Camarillo	152	4	0.026	0.010	0.066
St. John's Regional Medical Center	497	13	0.026	0.015	0.044
St. Joseph's Medical Center of Stockton	960	14	0.015	0.009	0.024
St. Louise Regional Hospital	160	3	0.019	0.006	0.054
St. Mary Medical Center Apple Valley	694	15	0.022	0.013	0.035
St. Mary Medical Center Long Beach	349	7	0.020	0.010	0.041
St. Mary's Medical Center	259	10	0.039	0.021	0.070
St. Rose Hospital	269	7	0.026	0.013	0.053
Stanford Health Care	774	31	0.040	0.028	0.056
Stanford Health Care Tri-Valley	298	12	0.040	0.023	0.069
Sutter Amador Hospital	85	2	0.024	0.006	0.082
Sutter Auburn Faith Hospital	124	5	0.040	0.017	0.091
Sutter Coast Hospital	82	4	0.049	0.019	0.119
Sutter Davis Hospital	151	1	0.007	0.001	0.037
Sutter Delta Medical Center	555	14	0.025	0.015	0.042
Sutter Lakeside Hospital	76	1	0.013	0.002	0.071
Sutter Medical Center Sacramento	886	45	0.051	0.038	0.067

Hospital	Cases	AE	AER	LCL	UCL
Sutter Roseville Medical Center	756	24	0.032	0.021	0.047
Sutter Santa Rosa Regional Hospital	239	5	0.021	0.009	0.048
Sutter Solano Medical Center	194	7	0.036	0.018	0.073
Sutter Tracy Community Hospital	182	1	0.005	0.001	0.030
Tahoe Forest Hospital	32	1	0.031	0.006	0.157
Temecula Valley Hospital	574	10	0.017	0.009	0.032
Tenet Health Central Coast Sierra Vista Regional Medical Center	74	3	0.041	0.014	0.113
Tenet Health Central Coast Twin Cities Community Hospital	134	5	0.037	0.016	0.084
Torrance Memorial Medical Center	1040	44	0.042	0.032	0.056
Tri-City Medical Center	292	8	0.027	0.014	0.053
Trinity Hospital	7	0	0.000	0.000	0.354
UC Davis Medical Center	1087	26	0.024	0.016	0.035
UC Irvine Medical Center	517	10	0.019	0.011	0.035
UC San Diego Health Hillcrest Hillcrest Medical Center	1065	25	0.023	0.016	0.034
UC San Francisco Medical Center	691	16	0.023	0.014	0.037
USC Arcadia Hospital	456	7	0.015	0.007	0.031
USC Verdugo Hills Hospital	165	4	0.024	0.009	0.061
Valley Presbyterian Hospital	414	5	0.012	0.005	0.028
Ventura County Medical Center	214	2	0.009	0.003	0.033
Victor Valley Global Medical Center	147	1	0.007	0.001	0.038
Washington Hospital Fremont	365	15	0.041	0.025	0.067
Watsonville Community Hospital	111	1	0.009	0.002	0.049
West Anaheim Medical Center	212	5	0.024	0.010	0.054
West Covina Medical Center	7	0	0.000	0.000	0.354
West Hills Hospital and Medical Center	312	6	0.019	0.009	0.041
Whittier Hospital Medical Center	187	3	0.016	0.005	0.046
Woodland Memorial Hospital	113	3	0.027	0.009	0.075

5.13.5 Summary

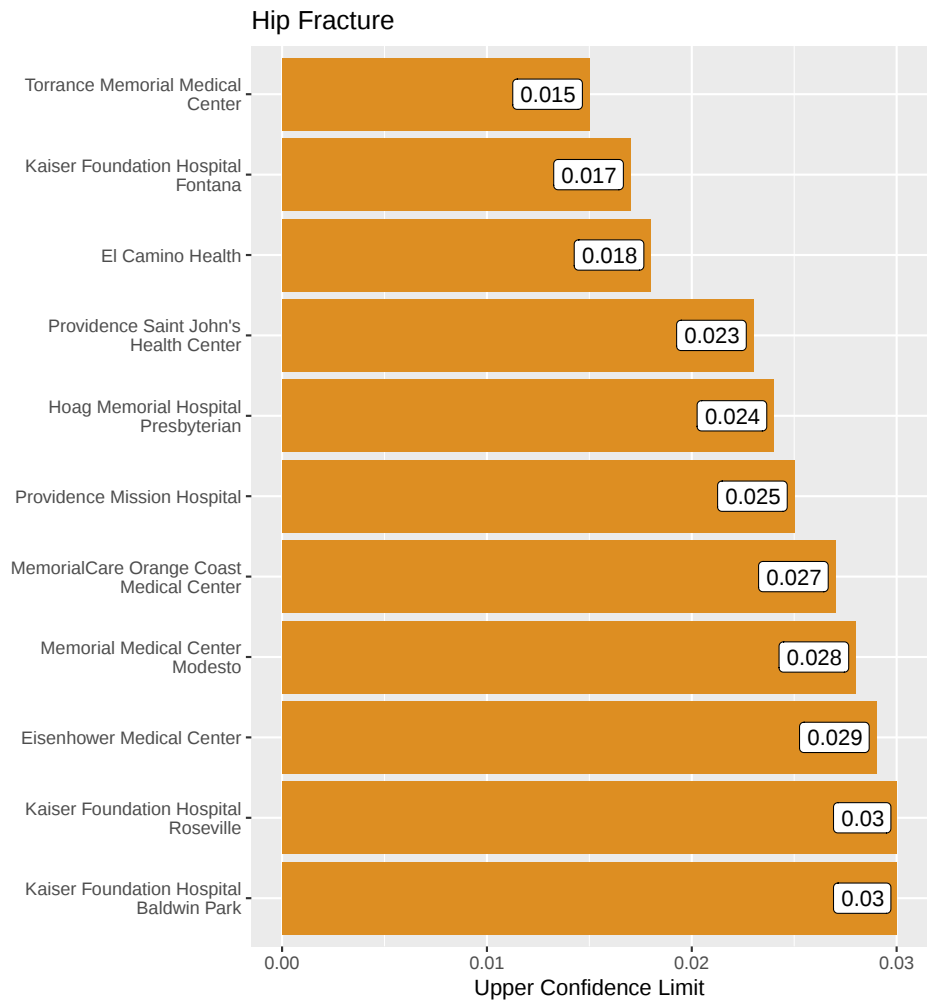
Table 5.39: Heart Failure

Hospitals	Cases.tot	AE.tot	AER.avg	AER.se	UCL.avg	UCL.se
313	106723	3071	0.028	0.001	0.084	0.005

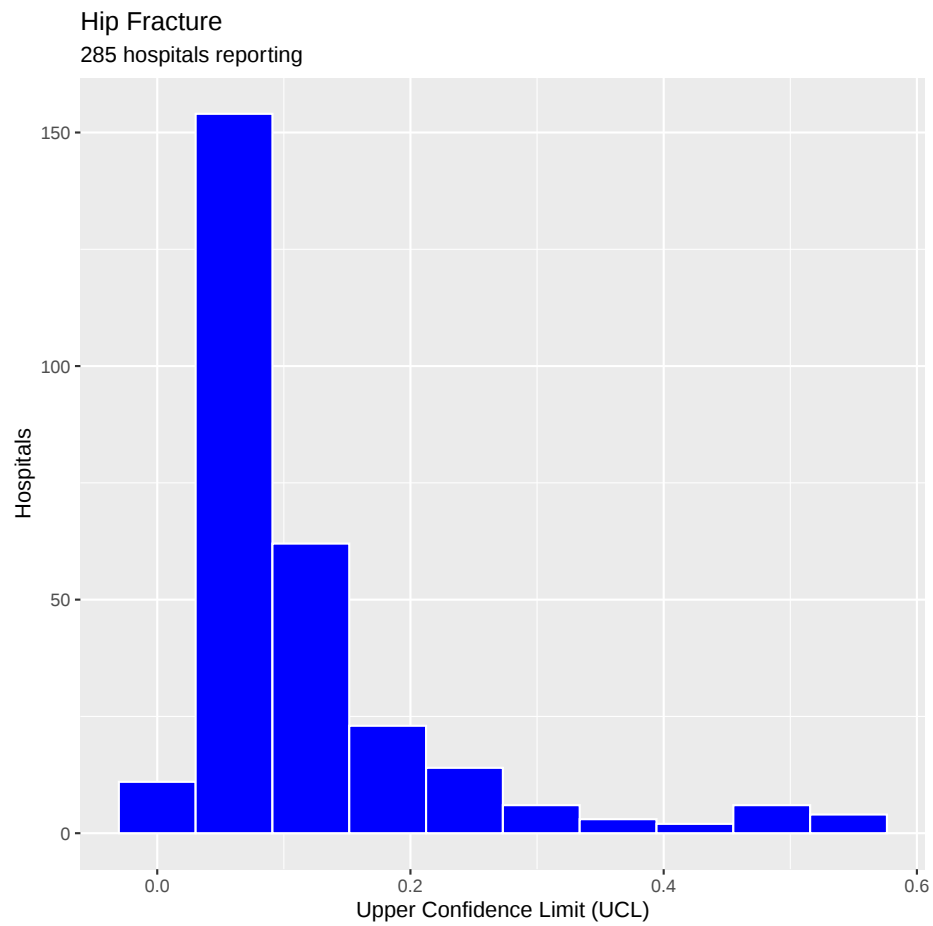
- **Cases.tot:** The total number of cases
- **AE.tot:** The total number of adverse events
- **AER.avg:** The average or arithmetic mean of the Adverse Event Rate for all hospitals.
 - Note: AER.avg is the average of the individual hospital AER values.
 - The Heart Failure AER rate for all hospitals is $AE.tot/Cases.tot$ and is equal to 0.029.
- **AER.se:** The AER.avg standard error.
- **UCL.avg:** The average or arithmetic mean of the Upper Confidence Limit (UCL) for all hospitals.
 - The UCL is important to compare the relative performance of hospitals reporting zero Adverse Events.
- **UCL.se:** The UCL.avg standard error

5.14 Hip Fracture

5.14.1 Ten Lowest Upper Confidence Limits (UCL) bar chart



5.14.2 Upper Confidence Limit (UCL) Histogram



5.14.3 Upper Confidence Limit (UCL) Listing

Hospitals listed in UCL ascending order:

Table 5.40: Hip Fracture

Hospital	Cases	AE	AER	LCL	UCL
Torrance Memorial Medical Center	254	0	0.000	0.000	0.015
Kaiser Foundation Hospital Fontana	222	0	0.000	0.000	0.017
El Camino Health	214	0	0.000	0.000	0.018
Providence Saint John's Health Center	164	0	0.000	0.000	0.023
Hoag Memorial Hospital Presbyterian	298	2	0.007	0.002	0.024
Providence Mission Hospital	221	1	0.005	0.001	0.025
MemorialCare Orange Coast Medical Center	138	0	0.000	0.000	0.027
Memorial Medical Center Modesto	199	1	0.005	0.001	0.028
Eisenhower Medical Center	245	2	0.008	0.002	0.029
Kaiser Foundation Hospital Baldwin Park	125	0	0.000	0.000	0.030
Kaiser Foundation Hospital Roseville	335	4	0.012	0.005	0.030
Community Memorial Hospital San Buenaventura	119	0	0.000	0.000	0.031
Kaiser Foundation Hospital Oakland/Richmond	180	1	0.006	0.001	0.031
Northridge Hospital Medical Center	119	0	0.000	0.000	0.031
Stanford Health Care	177	1	0.006	0.001	0.031
Kaiser Foundation Hospital Santa Clara	175	1	0.006	0.001	0.032
Providence Cedars Sinai Tarzana Medical Center	115	0	0.000	0.000	0.032
Providence St. Jude Medical Center	224	2	0.009	0.002	0.032
Scripps Mercy Hospital	269	3	0.011	0.004	0.032
Providence Saint Joseph Medical Center	170	1	0.006	0.001	0.033
Scripps Memorial Hospital Encinitas	216	2	0.009	0.003	0.033
Dominican Hospital	159	1	0.006	0.001	0.035
John Muir Medical Center Walnut Creek Campus	251	3	0.012	0.004	0.035
Riverside Community Hospital	158	1	0.006	0.001	0.035
Grossmont Hospital	152	1	0.007	0.001	0.036
NorthBay Medical Center	101	0	0.000	0.000	0.037
Hoag Orthopedic Institute	97	0	0.000	0.000	0.038
Kaiser Foundation Hospital Sacramento	187	2	0.011	0.003	0.038
Kaiser Foundation Hospital San Diego Zion	376	7	0.019	0.009	0.038
Kaiser Foundation Hospital Orange County Anaheim	259	4	0.015	0.006	0.039
USC Arcadia Hospital	143	1	0.007	0.001	0.039
Kaiser Foundation Hospital South Bay	92	0	0.000	0.000	0.040
Loma Linda University Medical Center	134	1	0.007	0.001	0.041
Pomona Valley Hospital Medical Center	244	4	0.016	0.006	0.041
Adventist Health Hanford	87	0	0.000	0.000	0.042
Corona Regional Medical Center Main	84	0	0.000	0.000	0.044

Hospital	Cases	AE	AER	LCL	UCL
Kaiser Foundation Hospital West LA	125	1	0.008	0.001	0.044
Providence St. Joseph Hospital Eureka	124	1	0.008	0.001	0.044
Redlands Community Hospital	125	1	0.008	0.001	0.044
Enloe Medical Center? Esplanade	191	3	0.016	0.005	0.045
Kaiser Foundation Hospital & Rehab Center Vallejo	122	1	0.008	0.001	0.045
Kaiser Foundation Hospital San Rafael	122	1	0.008	0.001	0.045
Santa Clara Valley Medical Center	81	0	0.000	0.000	0.045
Sutter Auburn Faith Hospital	81	0	0.000	0.000	0.045
UC San Francisco Medical Center	82	0	0.000	0.000	0.045
West Hills Hospital and Medical Center	121	1	0.008	0.001	0.045
Alta Bates Summit Medical Center	80	0	0.000	0.000	0.046
Community Hospital of the Monterey Peninsula	154	2	0.013	0.004	0.046
Los Alamitos Medical Center	188	3	0.016	0.005	0.046
Sharp Memorial Hospital	306	7	0.023	0.011	0.046
Desert Regional Medical Center	300	7	0.023	0.011	0.047
Desert Valley Hospital	78	0	0.000	0.000	0.047
Good Samaritan Hospital San Jose	150	2	0.013	0.004	0.047
Sequoia Hospital	78	0	0.000	0.000	0.047
Kaiser Foundation Hospital Fresno	147	2	0.014	0.004	0.048
PIH Health Hospital Whittier	149	2	0.013	0.004	0.048
San Joaquin General Hospital	148	2	0.014	0.004	0.048
St. Mary Medical Center Apple Valley	113	1	0.009	0.002	0.048
Clovis Community Medical Center	174	3	0.017	0.006	0.049
Southwest Healthcare System Murrieta	176	3	0.017	0.006	0.049
Cedars Sinai Medical Center	284	7	0.025	0.012	0.050
Adventist Health Glendale	167	3	0.018	0.006	0.051
Eden Medical Center	108	1	0.009	0.002	0.051
Kaiser Foundation Hospital South Sacramento	168	3	0.018	0.006	0.051
Marian Regional Medical Center	139	2	0.014	0.004	0.051
MemorialCare Saddleback Medical Center	170	3	0.018	0.006	0.051
PIH Health Hospital Downey	71	0	0.000	0.000	0.051
Riverside University Health System Medical Center	108	1	0.009	0.002	0.051
Saint Agnes Medical Center	224	5	0.022	0.010	0.051
Sharp Chula Vista Medical Center	108	1	0.009	0.002	0.051
Temecula Valley Hospital	107	1	0.009	0.002	0.051
Huntington Hospital	192	4	0.021	0.008	0.052
Kaiser Foundation Hospital Walnut Creek	248	6	0.024	0.011	0.052
San Gabriel Valley Medical Center	105	1	0.010	0.002	0.052
UC Irvine Medical Center	70	0	0.000	0.000	0.052
Kaiser Foundation Hospital Antioch	103	1	0.010	0.002	0.053
Providence Mission Hospital Laguna Beach	69	0	0.000	0.000	0.053
St. Bernardine Medical Center	68	0	0.000	0.000	0.053

Hospital	Cases	AE	AER	LCL	UCL
Kaiser Foundation Hospital Panorama City	159	3	0.019	0.006	0.054
Kaiser Foundation Hospital South San Francisco	101	1	0.010	0.002	0.054
Providence St. Joseph Hospital	211	5	0.024	0.010	0.054
Sutter Roseville Medical Center	313	9	0.029	0.015	0.054
Antelope Valley Hospital	157	3	0.019	0.007	0.055
O'Connor Hospital	66	0	0.000	0.000	0.055
Santa Monica UCLA Medical Center and Orthopaedic Hospital	155	3	0.019	0.007	0.055
Sutter Delta Medical Center	66	0	0.000	0.000	0.055
Adventist Health Bakersfield	178	4	0.022	0.009	0.056
Bakersfield Memorial Hospital	125	2	0.016	0.004	0.056
Kaweah Health Medical Center	229	6	0.026	0.012	0.056
Sutter Medical Center Sacramento	153	3	0.020	0.007	0.056
Emanate Health Inter Community Hospital	64	0	0.000	0.000	0.057
Scripps Memorial Hospital La Jolla	249	7	0.028	0.014	0.057
Shasta Regional Medical Center	63	0	0.000	0.000	0.057
Adventist Health White Memorial	62	0	0.000	0.000	0.058
Kaiser Foundation Hospital Manteca	170	4	0.024	0.009	0.059
Methodist Hospital of Sacramento	61	0	0.000	0.000	0.059
Mills-Peninsula Medical Center	171	4	0.023	0.009	0.059
Palomar Health Downtown Campus	119	2	0.017	0.005	0.059
West Anaheim Medical Center	61	0	0.000	0.000	0.059
Kaiser Foundation Hospital San Leandro	90	1	0.011	0.002	0.060
MarinHealth Medical Center	118	2	0.017	0.005	0.060
Adventist Health Howard Memorial	59	0	0.000	0.000	0.061
Adventist Health Simi Valley	89	1	0.011	0.002	0.061
Kaiser Foundation Hospital Riverside	116	2	0.017	0.005	0.061
MemorialCare Long Beach Medical Center	141	3	0.021	0.007	0.061
Santa Barbara Cottage Hospital	186	5	0.027	0.012	0.061
California Pacific Medical Center Mission Bernal Campus	138	3	0.022	0.007	0.062
Valley Presbyterian Hospital	58	0	0.000	0.000	0.062
Fountain Valley Regional Hospital & Medical Center Euclid	86	1	0.012	0.002	0.063
Hemet Global Medical Center	112	2	0.018	0.005	0.063
Los Robles Hospital & Medical Center	159	4	0.025	0.010	0.063
Mercy San Juan Medical Center	158	4	0.025	0.010	0.063
Regional Medical Center of San Jose	111	2	0.018	0.005	0.063
Sierra View Medical Center	57	0	0.000	0.000	0.063
Alta Bates Summit Medical Center Alta Bates Campus	84	1	0.012	0.002	0.064
Cedars Sinai Marina Del Rey Hospital	56	0	0.000	0.000	0.064
Sierra Nevada Memorial Hospital	110	2	0.018	0.005	0.064
St. Joseph's Medical Center of Stockton	85	1	0.012	0.002	0.064

Hospital	Cases	AE	AER	LCL	UCL
UC Davis Medical Center	110	2	0.018	0.005	0.064
Goleta Valley Cottage Hospital	83	1	0.012	0.002	0.065
Kaiser Foundation Hospital Woodland Hills	176	5	0.028	0.012	0.065
Lakewood Regional Medical Center	83	1	0.012	0.002	0.065
Mercy General Hospital	82	1	0.012	0.002	0.066
Sutter Amador Hospital	54	0	0.000	0.000	0.066
Sutter Davis Hospital	54	0	0.000	0.000	0.066
San Antonio Regional Hospital	169	5	0.030	0.013	0.067
Kaiser Foundation Hospital Downey	125	3	0.024	0.008	0.068
Providence Little Company of Mary Medical Center Torrance	126	3	0.024	0.008	0.068
Community Regional Medical Center Fresno	145	4	0.028	0.011	0.069
Mercy Hospital Bakersfield	124	3	0.024	0.008	0.069
Palomar Medical Center	122	3	0.025	0.008	0.070
Mercy Hospital of Folsom	99	2	0.020	0.006	0.071
Providence Santa Rosa Memorial Hospital Montgomery	161	5	0.031	0.013	0.071
Washington Hospital Fremont	99	2	0.020	0.006	0.071
Adventist Health and Rideout	138	4	0.029	0.011	0.072
UC San Diego Health Hillcrest Hillcrest Medical Center	178	6	0.034	0.016	0.072
Kaiser Foundation Hospital San Jose	116	3	0.026	0.009	0.073
Adventist Health Lodi Memorial	93	2	0.022	0.006	0.075
Kaiser Foundation Hospital Los Angeles	132	4	0.030	0.012	0.075
Palomar Medical Center Poway	72	1	0.014	0.002	0.075
Emanuel Medical Center	71	1	0.014	0.002	0.076
Loma Linda University Medical Center Murrieta	90	2	0.022	0.006	0.077
St. Mary Medical Center Long Beach	46	0	0.000	0.000	0.077
Henry Mayo Newhall Hospital	128	4	0.031	0.012	0.078
Providence Holy Cross Medical Center	127	4	0.031	0.012	0.078
Doctors Medical Center	161	6	0.037	0.017	0.079
French Hospital Medical Center	45	0	0.000	0.000	0.079
John F. Kennedy Memorial Hospital	66	1	0.015	0.003	0.081
Doctors Hospital of Riverside	43	0	0.000	0.000	0.082
Highland Hospital	65	1	0.015	0.003	0.082
Sutter Solano Medical Center	43	0	0.000	0.000	0.082
Mercy Medical Center Merced	84	2	0.024	0.007	0.083
Marshall Medical Center	83	2	0.024	0.007	0.084
Kaiser Foundation Hospital Vacaville	82	2	0.024	0.007	0.085
Sharp Coronado Hospital and Healthcare Center	41	0	0.000	0.000	0.086
Tri-City Medical Center	132	5	0.038	0.016	0.086
Hollywood Presbyterian Medical Center	97	3	0.031	0.011	0.087
John Muir Medical Center Concord Campus	113	4	0.035	0.014	0.087
PIH Health Good Samaritan Hospital	61	1	0.016	0.003	0.087

Hospital	Cases	AE	AER	LCL	UCL
Ventura County Medical Center	61	1	0.016	0.003	0.087
Kaiser Foundation Hospital Moreno Valley	40	0	0.000	0.000	0.088
Kaiser Foundation Hospital Santa Rosa	143	6	0.042	0.019	0.089
Natividad Medical Center	60	1	0.017	0.003	0.089
Los Angeles County+USC Medical Center	77	2	0.026	0.007	0.090
St. Elizabeth Community Hospital	76	2	0.026	0.007	0.091
AHMC Seton Medical Center	38	0	0.000	0.000	0.092
Kaiser Foundation Hospital Fremont	75	2	0.027	0.007	0.092
Pioneers Memorial Healthcare District	38	0	0.000	0.000	0.092
San Geronio Memorial Hospital	38	0	0.000	0.000	0.092
Scripps Green Hospital	57	1	0.018	0.003	0.093
St. John's Regional Medical Center	89	3	0.034	0.012	0.094
Kaiser Foundation Hospital Redwood City	72	2	0.028	0.008	0.096
Kaiser Foundation Hospital San Francisco	87	3	0.034	0.012	0.097
Adventist Health Sonora Greenley	86	3	0.035	0.012	0.098
Beverly Hospital	54	1	0.019	0.003	0.098
Victor Valley Global Medical Center	35	0	0.000	0.000	0.099
Emanate Health Queen of the Valley Hospital	69	2	0.029	0.008	0.100
Palmdale Regional Medical Center	52	1	0.019	0.003	0.101
Sutter Santa Rosa Regional Hospital	68	2	0.029	0.008	0.101
Los Angeles County/Harbor UCLA Medical Center	82	3	0.037	0.013	0.102
Providence Queen of the Valley Medical Center	82	3	0.037	0.013	0.102
San Ramon Regional Medical Center	34	0	0.000	0.000	0.102
St. Louise Regional Hospital	34	0	0.000	0.000	0.102
Arrowhead Regional Medical Center	95	4	0.042	0.016	0.103
Marian Regional Medical Center Arroyo Grande	51	1	0.020	0.003	0.103
Doctors Hospital of Manteca	33	0	0.000	0.000	0.104
Emanate Health Foothill Presbyterian Hospital	64	2	0.031	0.009	0.107
Mission Community Hospital Panorama Campus	32	0	0.000	0.000	0.107
Petaluma Valley Hospital	49	1	0.020	0.004	0.107
Sherman Oaks Hospital	32	0	0.000	0.000	0.107
St. John's Hospital Camarillo	92	4	0.043	0.017	0.107
Stanford Health Care Tri-Valley	64	2	0.031	0.009	0.107
Tahoe Forest Hospital	32	0	0.000	0.000	0.107
Watsonville Community Hospital	32	0	0.000	0.000	0.107
Kern Medical Center	48	1	0.021	0.004	0.109
Mercy Medical Center Redding	187	12	0.064	0.037	0.109
California Hospital Medical Center Los Angeles	47	1	0.021	0.004	0.111
Glendale Memorial Hospital and Health Center	61	2	0.033	0.009	0.112
Tenet Health Central Coast Twin Cities Community Hospital	100	5	0.050	0.022	0.112
St. Mary's Medical Center	46	1	0.022	0.004	0.113
Menifee Global Medical Center	30	0	0.000	0.000	0.114

Hospital	Cases	AE	AER	LCL	UCL
Southern California Hospital at Culver City	30	0	0.000	0.000	0.114
Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center	84	4	0.048	0.019	0.116
Alhambra Hospital Medical Center	29	0	0.000	0.000	0.117
Mercy Medical Center Mt. Shasta	29	0	0.000	0.000	0.117
Placentia Linda Hospital	58	2	0.034	0.010	0.117
Alvarado Hospital Medical Center	28	0	0.000	0.000	0.121
Centinela Hospital Medical Center	56	2	0.036	0.010	0.121
Lompoc Valley Medical Center	28	0	0.000	0.000	0.121
Memorial Hospital Los Banos	28	0	0.000	0.000	0.121
Sutter Lakeside Hospital	28	0	0.000	0.000	0.121
AHMC Anaheim Regional Medical Center	55	2	0.036	0.010	0.123
Orange County Global Medical Center	42	1	0.024	0.004	0.123
Ronald Reagan UCLA Medical Center	42	1	0.024	0.004	0.123
St. Francis Medical Center	42	1	0.024	0.004	0.123
Tenet Health Central Coast Sierra Vista Regional Medical Center	55	2	0.036	0.010	0.123
Community Hospital of San Bernardino	27	0	0.000	0.000	0.125
USC Verdugo Hills Hospital	66	3	0.045	0.016	0.125
Novato Community Hospital	39	1	0.026	0.005	0.132
Dameron Hospital	25	0	0.000	0.000	0.133
Garfield Medical Center	61	3	0.049	0.017	0.135
Sutter Tracy Community Hospital	24	0	0.000	0.000	0.138
La Palma Intercommunity Hospital	23	0	0.000	0.000	0.143
Woodland Memorial Hospital	35	1	0.029	0.005	0.145
Whittier Hospital Medical Center	45	2	0.044	0.012	0.148
Huntington Beach Hospital	22	0	0.000	0.000	0.149
Salinas Valley Health Medical Center	64	4	0.062	0.025	0.150
Chino Valley Medical Center	33	1	0.030	0.005	0.153
Foothill Regional Medical Center	21	0	0.000	0.000	0.155
Barton Memorial Hospital	20	0	0.000	0.000	0.161
Ridgecrest Regional Hospital	20	0	0.000	0.000	0.161
El Centro Regional Medical Center	40	2	0.050	0.014	0.165
Garden Grove Hospital and Medical Center	19	0	0.000	0.000	0.168
Keck Hospital of USC	19	0	0.000	0.000	0.168
Madera Community Hospital	29	1	0.034	0.006	0.172
Saint Francis Memorial Hospital	29	1	0.034	0.006	0.172
Oroville Hospital	62	5	0.081	0.035	0.175
Providence Little Company of Mary Medical Center San Pedro	46	3	0.065	0.022	0.175
Barstow Community Hospital	18	0	0.000	0.000	0.176
Community Hospital of Huntington Park	18	0	0.000	0.000	0.176
Los Angeles Community Hospital	18	0	0.000	0.000	0.176
Mark Twain Medical Center	18	0	0.000	0.000	0.176

Hospital	Cases	AE	AER	LCL	UCL
San Dimas Community Hospital	27	1	0.037	0.007	0.183
Sonoma Valley Hospital	27	1	0.037	0.007	0.183
Northern Inyo Hospital	17	0	0.000	0.000	0.184
Adventist Health St. Helena	43	3	0.070	0.024	0.186
Hi-Desert Medical Center	25	1	0.040	0.007	0.195
College Medical Center	15	0	0.000	0.000	0.204
L.A. Downtown Medical Center	15	0	0.000	0.000	0.204
Southern California Hospital at Hollywood	15	0	0.000	0.000	0.204
Anaheim Global Medical Center	14	0	0.000	0.000	0.215
Banner Lassen Medical Center	14	0	0.000	0.000	0.215
Paradise Valley Hospital	14	0	0.000	0.000	0.215
Encino Hospital Medical Center	13	0	0.000	0.000	0.228
San Mateo Medical Center	13	0	0.000	0.000	0.228
Contra Costa Regional Medical Center	12	0	0.000	0.000	0.242
St. Rose Hospital	25	2	0.080	0.022	0.250
Sutter Coast Hospital	36	4	0.111	0.044	0.253
Alameda Hospital	30	3	0.100	0.035	0.256
Adventist Health Delano	18	1	0.056	0.010	0.258
Chinese Hospital	18	1	0.056	0.010	0.258
Fairchild Medical Center	24	2	0.083	0.023	0.258
Casa Colina Hospital	11	0	0.000	0.000	0.259
Chapman Global Medical Center	11	0	0.000	0.000	0.259
California Pacific Medical Center Van Ness Campus	10	0	0.000	0.000	0.278
Memorial Hospital of Gardena	22	2	0.091	0.025	0.278
Adventist Health Clearlake	9	0	0.000	0.000	0.299
Coast Plaza Hospital	8	0	0.000	0.000	0.324
Norwalk Community Hospital	8	0	0.000	0.000	0.324
Adventist Health Ukiah Valley	18	2	0.111	0.031	0.328
Hazel Hawkins Memorial Hospital	12	1	0.083	0.015	0.354
Healdsburg Hospital	7	0	0.000	0.000	0.354
Olympia Medical Center	7	0	0.000	0.000	0.354
Adventist Health Tehachapi Valley	5	0	0.000	0.000	0.434
Mammoth Hospital	5	0	0.000	0.000	0.434
California Pacific Medical Center Davies Campus Hospital	4	0	0.000	0.000	0.490
Mad River Community Hospital	4	0	0.000	0.000	0.490
Montclair Hospital Medical Center	4	0	0.000	0.000	0.490
Monterey Park Hospital	4	0	0.000	0.000	0.490
Oak Valley Hospital District	4	0	0.000	0.000	0.490
South Coast Global Medical Center	4	0	0.000	0.000	0.490
Adventist Health Tulare	3	0	0.000	0.000	0.561
East Los Angeles Doctors Hospital	3	0	0.000	0.000	0.561
Fresno Surgical Hospital	3	0	0.000	0.000	0.561

Hospital	Cases	AE	AER	LCL	UCL
Los Angeles County Olive View UCLA Medical Center	3	0	0.000	0.000	0.561

5.14.4 Hospital Data Table

Table 5.41: Hip Fracture

Hospital	Cases	AE	AER	LCL	UCL
AHMC Anaheim Regional Medical Center	55	2	0.036	0.010	0.123
AHMC Seton Medical Center	38	0	0.000	0.000	0.092
Adventist Health Bakersfield	178	4	0.022	0.009	0.056
Adventist Health Clearlake	9	0	0.000	0.000	0.299
Adventist Health Delano	18	1	0.056	0.010	0.258
Adventist Health Glendale	167	3	0.018	0.006	0.051
Adventist Health Hanford	87	0	0.000	0.000	0.042
Adventist Health Howard Memorial	59	0	0.000	0.000	0.061
Adventist Health Lodi Memorial	93	2	0.022	0.006	0.075
Adventist Health Simi Valley	89	1	0.011	0.002	0.061
Adventist Health Sonora Greenley	86	3	0.035	0.012	0.098
Adventist Health St. Helena	43	3	0.070	0.024	0.186
Adventist Health Tehachapi Valley	5	0	0.000	0.000	0.434
Adventist Health Tulare	3	0	0.000	0.000	0.561
Adventist Health Ukiah Valley	18	2	0.111	0.031	0.328
Adventist Health White Memorial	62	0	0.000	0.000	0.058
Adventist Health and Rideout	138	4	0.029	0.011	0.072
Alameda Hospital	30	3	0.100	0.035	0.256
Alhambra Hospital Medical Center	29	0	0.000	0.000	0.117
Alta Bates Summit Medical Center	80	0	0.000	0.000	0.046
Alta Bates Summit Medical Center Alta Bates Campus	84	1	0.012	0.002	0.064
Alvarado Hospital Medical Center	28	0	0.000	0.000	0.121
Anaheim Global Medical Center	14	0	0.000	0.000	0.215
Antelope Valley Hospital	157	3	0.019	0.007	0.055
Arrowhead Regional Medical Center	95	4	0.042	0.016	0.103
Bakersfield Memorial Hospital	125	2	0.016	0.004	0.056
Banner Lassen Medical Center	14	0	0.000	0.000	0.215
Barstow Community Hospital	18	0	0.000	0.000	0.176
Barton Memorial Hospital	20	0	0.000	0.000	0.161
Beverly Hospital	54	1	0.019	0.003	0.098
California Hospital Medical Center Los Angeles	47	1	0.021	0.004	0.111
California Pacific Medical Center Davies Campus Hospital	4	0	0.000	0.000	0.490
California Pacific Medical Center Mission Bernal Campus	138	3	0.022	0.007	0.062
California Pacific Medical Center Van Ness Campus	10	0	0.000	0.000	0.278
Casa Colina Hospital	11	0	0.000	0.000	0.259
Cedars Sinai Marina Del Rey Hospital	56	0	0.000	0.000	0.064

Hospital	Cases	AE	AER	LCL	UCL
Cedars Sinai Medical Center	284	7	0.025	0.012	0.050
Centinela Hospital Medical Center	56	2	0.036	0.010	0.121
Chapman Global Medical Center	11	0	0.000	0.000	0.259
Chinese Hospital	18	1	0.056	0.010	0.258
Chino Valley Medical Center	33	1	0.030	0.005	0.153
Clovis Community Medical Center	174	3	0.017	0.006	0.049
Coast Plaza Hospital	8	0	0.000	0.000	0.324
College Medical Center	15	0	0.000	0.000	0.204
Community Hospital of Huntington Park	18	0	0.000	0.000	0.176
Community Hospital of San Bernardino	27	0	0.000	0.000	0.125
Community Hospital of the Monterey Peninsula	154	2	0.013	0.004	0.046
Community Memorial Hospital San Buenaventura	119	0	0.000	0.000	0.031
Community Regional Medical Center Fresno	145	4	0.028	0.011	0.069
Contra Costa Regional Medical Center	12	0	0.000	0.000	0.242
Corona Regional Medical Center Main	84	0	0.000	0.000	0.044
Dameron Hospital	25	0	0.000	0.000	0.133
Desert Regional Medical Center	300	7	0.023	0.011	0.047
Desert Valley Hospital	78	0	0.000	0.000	0.047
Doctors Hospital of Manteca	33	0	0.000	0.000	0.104
Doctors Hospital of Riverside	43	0	0.000	0.000	0.082
Doctors Medical Center	161	6	0.037	0.017	0.079
Dominican Hospital	159	1	0.006	0.001	0.035
East Los Angeles Doctors Hospital	3	0	0.000	0.000	0.561
Eden Medical Center	108	1	0.009	0.002	0.051
Eisenhower Medical Center	245	2	0.008	0.002	0.029
El Camino Health	214	0	0.000	0.000	0.018
El Centro Regional Medical Center	40	2	0.050	0.014	0.165
Emanate Health Foothill Presbyterian Hospital	64	2	0.031	0.009	0.107
Emanate Health Inter Community Hospital	64	0	0.000	0.000	0.057
Emanate Health Queen of the Valley Hospital	69	2	0.029	0.008	0.100
Emanuel Medical Center	71	1	0.014	0.002	0.076
Encino Hospital Medical Center	13	0	0.000	0.000	0.228
Enloe Medical Center? Esplanade	191	3	0.016	0.005	0.045
Fairchild Medical Center	24	2	0.083	0.023	0.258
Foothill Regional Medical Center	21	0	0.000	0.000	0.155
Fountain Valley Regional Hospital & Medical Center Euclid	86	1	0.012	0.002	0.063
French Hospital Medical Center	45	0	0.000	0.000	0.079
Fresno Surgical Hospital	3	0	0.000	0.000	0.561
Garden Grove Hospital and Medical Center	19	0	0.000	0.000	0.168
Garfield Medical Center	61	3	0.049	0.017	0.135
Glendale Memorial Hospital and Health Center	61	2	0.033	0.009	0.112
Goleta Valley Cottage Hospital	83	1	0.012	0.002	0.065

Hospital	Cases	AE	AER	LCL	UCL
Good Samaritan Hospital San Jose	150	2	0.013	0.004	0.047
Grossmont Hospital	152	1	0.007	0.001	0.036
Hazel Hawkins Memorial Hospital	12	1	0.083	0.015	0.354
Healdsburg Hospital	7	0	0.000	0.000	0.354
Hemet Global Medical Center	112	2	0.018	0.005	0.063
Henry Mayo Newhall Hospital	128	4	0.031	0.012	0.078
Hi-Desert Medical Center	25	1	0.040	0.007	0.195
Highland Hospital	65	1	0.015	0.003	0.082
Hoag Memorial Hospital Presbyterian	298	2	0.007	0.002	0.024
Hoag Orthopedic Institute	97	0	0.000	0.000	0.038
Hollywood Presbyterian Medical Center	97	3	0.031	0.011	0.087
Huntington Beach Hospital	22	0	0.000	0.000	0.149
Huntington Hospital	192	4	0.021	0.008	0.052
John F. Kennedy Memorial Hospital	66	1	0.015	0.003	0.081
John Muir Medical Center Concord Campus	113	4	0.035	0.014	0.087
John Muir Medical Center Walnut Creek Campus	251	3	0.012	0.004	0.035
Kaiser Foundation Hospital & Rehab Center Vallejo	122	1	0.008	0.001	0.045
Kaiser Foundation Hospital Antioch	103	1	0.010	0.002	0.053
Kaiser Foundation Hospital Baldwin Park	125	0	0.000	0.000	0.030
Kaiser Foundation Hospital Downey	125	3	0.024	0.008	0.068
Kaiser Foundation Hospital Fontana	222	0	0.000	0.000	0.017
Kaiser Foundation Hospital Fremont	75	2	0.027	0.007	0.092
Kaiser Foundation Hospital Fresno	147	2	0.014	0.004	0.048
Kaiser Foundation Hospital Los Angeles	132	4	0.030	0.012	0.075
Kaiser Foundation Hospital Manteca	170	4	0.024	0.009	0.059
Kaiser Foundation Hospital Moreno Valley	40	0	0.000	0.000	0.088
Kaiser Foundation Hospital Oakland/Richmond	180	1	0.006	0.001	0.031
Kaiser Foundation Hospital Orange County Anaheim	259	4	0.015	0.006	0.039
Kaiser Foundation Hospital Panorama City	159	3	0.019	0.006	0.054
Kaiser Foundation Hospital Redwood City	72	2	0.028	0.008	0.096
Kaiser Foundation Hospital Riverside	116	2	0.017	0.005	0.061
Kaiser Foundation Hospital Roseville	335	4	0.012	0.005	0.030
Kaiser Foundation Hospital Sacramento	187	2	0.011	0.003	0.038
Kaiser Foundation Hospital San Diego Zion	376	7	0.019	0.009	0.038
Kaiser Foundation Hospital San Francisco	87	3	0.034	0.012	0.097
Kaiser Foundation Hospital San Jose	116	3	0.026	0.009	0.073
Kaiser Foundation Hospital San Leandro	90	1	0.011	0.002	0.060
Kaiser Foundation Hospital San Rafael	122	1	0.008	0.001	0.045
Kaiser Foundation Hospital Santa Clara	175	1	0.006	0.001	0.032
Kaiser Foundation Hospital Santa Rosa	143	6	0.042	0.019	0.089
Kaiser Foundation Hospital South Bay	92	0	0.000	0.000	0.040

Hospital	Cases	AE	AER	LCL	UCL
Kaiser Foundation Hospital South Sacramento	168	3	0.018	0.006	0.051
Kaiser Foundation Hospital South San Francisco	101	1	0.010	0.002	0.054
Kaiser Foundation Hospital Vacaville	82	2	0.024	0.007	0.085
Kaiser Foundation Hospital Walnut Creek	248	6	0.024	0.011	0.052
Kaiser Foundation Hospital West LA	125	1	0.008	0.001	0.044
Kaiser Foundation Hospital Woodland Hills	176	5	0.028	0.012	0.065
Kaweah Health Medical Center	229	6	0.026	0.012	0.056
Keck Hospital of USC	19	0	0.000	0.000	0.168
Kern Medical Center	48	1	0.021	0.004	0.109
L.A. Downtown Medical Center	15	0	0.000	0.000	0.204
La Palma Intercommunity Hospital	23	0	0.000	0.000	0.143
Lakewood Regional Medical Center	83	1	0.012	0.002	0.065
Loma Linda University Medical Center	134	1	0.007	0.001	0.041
Loma Linda University Medical Center Murrieta	90	2	0.022	0.006	0.077
Lompoc Valley Medical Center	28	0	0.000	0.000	0.121
Los Alamitos Medical Center	188	3	0.016	0.005	0.046
Los Angeles Community Hospital	18	0	0.000	0.000	0.176
Los Angeles County Olive View UCLA Medical Center	3	0	0.000	0.000	0.561
Los Angeles County+USC Medical Center	77	2	0.026	0.007	0.090
Los Angeles County/Harbor UCLA Medical Center	82	3	0.037	0.013	0.102
Los Robles Hospital & Medical Center	159	4	0.025	0.010	0.063
Mad River Community Hospital	4	0	0.000	0.000	0.490
Madera Community Hospital	29	1	0.034	0.006	0.172
Mammoth Hospital	5	0	0.000	0.000	0.434
Marian Regional Medical Center	139	2	0.014	0.004	0.051
Marian Regional Medical Center Arroyo Grande	51	1	0.020	0.003	0.103
MarinHealth Medical Center	118	2	0.017	0.005	0.060
Mark Twain Medical Center	18	0	0.000	0.000	0.176
Marshall Medical Center	83	2	0.024	0.007	0.084
Memorial Hospital Los Banos	28	0	0.000	0.000	0.121
Memorial Hospital of Gardena	22	2	0.091	0.025	0.278
Memorial Medical Center Modesto	199	1	0.005	0.001	0.028
MemorialCare Long Beach Medical Center	141	3	0.021	0.007	0.061
MemorialCare Orange Coast Medical Center	138	0	0.000	0.000	0.027
MemorialCare Saddleback Medical Center	170	3	0.018	0.006	0.051
Menifee Global Medical Center	30	0	0.000	0.000	0.114
Mercy General Hospital	82	1	0.012	0.002	0.066
Mercy Hospital Bakersfield	124	3	0.024	0.008	0.069
Mercy Hospital of Folsom	99	2	0.020	0.006	0.071
Mercy Medical Center Merced	84	2	0.024	0.007	0.083
Mercy Medical Center Mt. Shasta	29	0	0.000	0.000	0.117
Mercy Medical Center Redding	187	12	0.064	0.037	0.109

Hospital	Cases	AE	AER	LCL	UCL
Mercy San Juan Medical Center	158	4	0.025	0.010	0.063
Methodist Hospital of Sacramento	61	0	0.000	0.000	0.059
Mills-Peninsula Medical Center	171	4	0.023	0.009	0.059
Mission Community Hospital Panorama Campus	32	0	0.000	0.000	0.107
Montclair Hospital Medical Center	4	0	0.000	0.000	0.490
Monterey Park Hospital	4	0	0.000	0.000	0.490
Natividad Medical Center	60	1	0.017	0.003	0.089
NorthBay Medical Center	101	0	0.000	0.000	0.037
Northern Inyo Hospital	17	0	0.000	0.000	0.184
Northridge Hospital Medical Center	119	0	0.000	0.000	0.031
Norwalk Community Hospital	8	0	0.000	0.000	0.324
Novato Community Hospital	39	1	0.026	0.005	0.132
O'Connor Hospital	66	0	0.000	0.000	0.055
Oak Valley Hospital District	4	0	0.000	0.000	0.490
Olympia Medical Center	7	0	0.000	0.000	0.354
Orange County Global Medical Center	42	1	0.024	0.004	0.123
Oroville Hospital	62	5	0.081	0.035	0.175
PIH Health Good Samaritan Hospital	61	1	0.016	0.003	0.087
PIH Health Hospital Downey	71	0	0.000	0.000	0.051
PIH Health Hospital Whittier	149	2	0.013	0.004	0.048
Palmdale Regional Medical Center	52	1	0.019	0.003	0.101
Palomar Health Downtown Campus	119	2	0.017	0.005	0.059
Palomar Medical Center	122	3	0.025	0.008	0.070
Palomar Medical Center Poway	72	1	0.014	0.002	0.075
Paradise Valley Hospital	14	0	0.000	0.000	0.215
Petaluma Valley Hospital	49	1	0.020	0.004	0.107
Pioneers Memorial Healthcare District	38	0	0.000	0.000	0.092
Placentia Linda Hospital	58	2	0.034	0.010	0.117
Pomona Valley Hospital Medical Center	244	4	0.016	0.006	0.041
Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center	84	4	0.048	0.019	0.116
Providence Cedars Sinai Tarzana Medical Center	115	0	0.000	0.000	0.032
Providence Holy Cross Medical Center	127	4	0.031	0.012	0.078
Providence Little Company of Mary Medical Center San Pedro	46	3	0.065	0.022	0.175
Providence Little Company of Mary Medical Center Torrance	126	3	0.024	0.008	0.068
Providence Mission Hospital	221	1	0.005	0.001	0.025
Providence Mission Hospital Laguna Beach	69	0	0.000	0.000	0.053
Providence Queen of the Valley Medical Center	82	3	0.037	0.013	0.102
Providence Saint John's Health Center	164	0	0.000	0.000	0.023
Providence Saint Joseph Medical Center	170	1	0.006	0.001	0.033
Providence Santa Rosa Memorial Hospital Montgomery	161	5	0.031	0.013	0.071

Hospital	Cases	AE	AER	LCL	UCL
Providence St. Joseph Hospital	211	5	0.024	0.010	0.054
Providence St. Joseph Hospital Eureka	124	1	0.008	0.001	0.044
Providence St. Jude Medical Center	224	2	0.009	0.002	0.032
Redlands Community Hospital	125	1	0.008	0.001	0.044
Regional Medical Center of San Jose	111	2	0.018	0.005	0.063
Ridgecrest Regional Hospital	20	0	0.000	0.000	0.161
Riverside Community Hospital	158	1	0.006	0.001	0.035
Riverside University Health System Medical Center	108	1	0.009	0.002	0.051
Ronald Reagan UCLA Medical Center	42	1	0.024	0.004	0.123
Saint Agnes Medical Center	224	5	0.022	0.010	0.051
Saint Francis Memorial Hospital	29	1	0.034	0.006	0.172
Salinas Valley Health Medical Center	64	4	0.062	0.025	0.150
San Antonio Regional Hospital	169	5	0.030	0.013	0.067
San Dimas Community Hospital	27	1	0.037	0.007	0.183
San Gabriel Valley Medical Center	105	1	0.010	0.002	0.052
San Geronio Memorial Hospital	38	0	0.000	0.000	0.092
San Joaquin General Hospital	148	2	0.014	0.004	0.048
San Mateo Medical Center	13	0	0.000	0.000	0.228
San Ramon Regional Medical Center	34	0	0.000	0.000	0.102
Santa Barbara Cottage Hospital	186	5	0.027	0.012	0.061
Santa Clara Valley Medical Center	81	0	0.000	0.000	0.045
Santa Monica UCLA Medical Center and Orthopaedic Hospital	155	3	0.019	0.007	0.055
Scripps Green Hospital	57	1	0.018	0.003	0.093
Scripps Memorial Hospital Encinitas	216	2	0.009	0.003	0.033
Scripps Memorial Hospital La Jolla	249	7	0.028	0.014	0.057
Scripps Mercy Hospital	269	3	0.011	0.004	0.032
Sequoia Hospital	78	0	0.000	0.000	0.047
Sharp Chula Vista Medical Center	108	1	0.009	0.002	0.051
Sharp Coronado Hospital and Healthcare Center	41	0	0.000	0.000	0.086
Sharp Memorial Hospital	306	7	0.023	0.011	0.046
Shasta Regional Medical Center	63	0	0.000	0.000	0.057
Sherman Oaks Hospital	32	0	0.000	0.000	0.107
Sierra Nevada Memorial Hospital	110	2	0.018	0.005	0.064
Sierra View Medical Center	57	0	0.000	0.000	0.063
Sonoma Valley Hospital	27	1	0.037	0.007	0.183
South Coast Global Medical Center	4	0	0.000	0.000	0.490
Southern California Hospital at Culver City	30	0	0.000	0.000	0.114
Southern California Hospital at Hollywood	15	0	0.000	0.000	0.204
Southwest Healthcare System Murrieta	176	3	0.017	0.006	0.049
St. Bernardine Medical Center	68	0	0.000	0.000	0.053
St. Elizabeth Community Hospital	76	2	0.026	0.007	0.091
St. Francis Medical Center	42	1	0.024	0.004	0.123

Hospital	Cases	AE	AER	LCL	UCL
St. John's Hospital Camarillo	92	4	0.043	0.017	0.107
St. John's Regional Medical Center	89	3	0.034	0.012	0.094
St. Joseph's Medical Center of Stockton	85	1	0.012	0.002	0.064
St. Louise Regional Hospital	34	0	0.000	0.000	0.102
St. Mary Medical Center Apple Valley	113	1	0.009	0.002	0.048
St. Mary Medical Center Long Beach	46	0	0.000	0.000	0.077
St. Mary's Medical Center	46	1	0.022	0.004	0.113
St. Rose Hospital	25	2	0.080	0.022	0.250
Stanford Health Care	177	1	0.006	0.001	0.031
Stanford Health Care Tri-Valley	64	2	0.031	0.009	0.107
Sutter Amador Hospital	54	0	0.000	0.000	0.066
Sutter Auburn Faith Hospital	81	0	0.000	0.000	0.045
Sutter Coast Hospital	36	4	0.111	0.044	0.253
Sutter Davis Hospital	54	0	0.000	0.000	0.066
Sutter Delta Medical Center	66	0	0.000	0.000	0.055
Sutter Lakeside Hospital	28	0	0.000	0.000	0.121
Sutter Medical Center Sacramento	153	3	0.020	0.007	0.056
Sutter Roseville Medical Center	313	9	0.029	0.015	0.054
Sutter Santa Rosa Regional Hospital	68	2	0.029	0.008	0.101
Sutter Solano Medical Center	43	0	0.000	0.000	0.082
Sutter Tracy Community Hospital	24	0	0.000	0.000	0.138
Tahoe Forest Hospital	32	0	0.000	0.000	0.107
Temecula Valley Hospital	107	1	0.009	0.002	0.051
Tenet Health Central Coast Sierra Vista Regional Medical Center	55	2	0.036	0.010	0.123
Tenet Health Central Coast Twin Cities Community Hospital	100	5	0.050	0.022	0.112
Torrance Memorial Medical Center	254	0	0.000	0.000	0.015
Tri-City Medical Center	132	5	0.038	0.016	0.086
UC Davis Medical Center	110	2	0.018	0.005	0.064
UC Irvine Medical Center	70	0	0.000	0.000	0.052
UC San Diego Health Hillcrest Hillcrest Medical Center	178	6	0.034	0.016	0.072
UC San Francisco Medical Center	82	0	0.000	0.000	0.045
USC Arcadia Hospital	143	1	0.007	0.001	0.039
USC Verdugo Hills Hospital	66	3	0.045	0.016	0.125
Valley Presbyterian Hospital	58	0	0.000	0.000	0.062
Ventura County Medical Center	61	1	0.016	0.003	0.087
Victor Valley Global Medical Center	35	0	0.000	0.000	0.099
Washington Hospital Fremont	99	2	0.020	0.006	0.071
Watsonville Community Hospital	32	0	0.000	0.000	0.107
West Anaheim Medical Center	61	0	0.000	0.000	0.059
West Hills Hospital and Medical Center	121	1	0.008	0.001	0.045
Whittier Hospital Medical Center	45	2	0.044	0.012	0.148

Hospital	Cases	AE	AER	LCL	UCL
Woodland Memorial Hospital	35	1	0.029	0.005	0.145

5.14.5 Summary

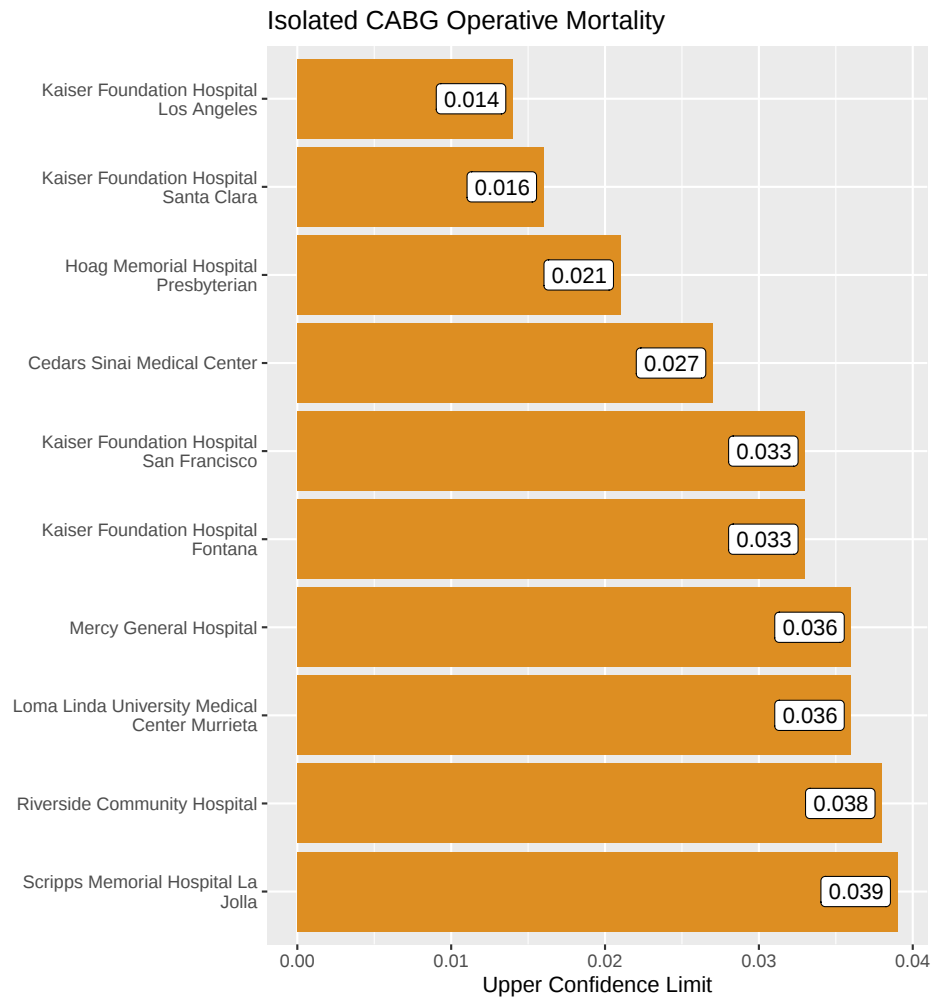
Table 5.42: Hip Fracture

Hospitals	Cases.tot	AE.tot	AER.avg	AER.se	UCL.avg	UCL.se
285	26393	456	0.016	0.001	0.114	0.006

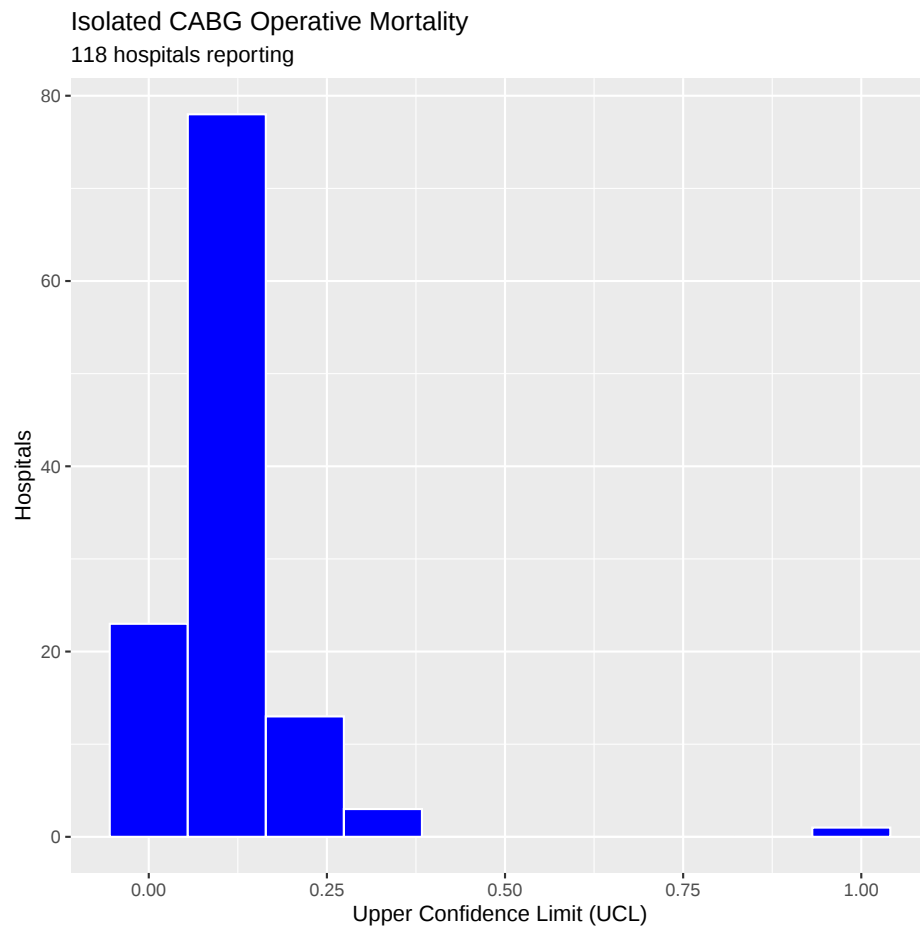
- **Cases.tot:** The total number of cases
- **AE.tot:** The total number of adverse events
- **AER.avg:** The average or arithmetic mean of the Adverse Event Rate for all hospitals.
 - Note: AER.avg is the average of the individual hospital AER values.
 - The Hip Fracture AER rate for all hospitals is $AE.tot/Cases.tot$ and is equal to 0.017.
- **AER.se:** The AER.avg standard error.
- **UCL.avg:** The average or arithmetic mean of the Upper Confidence Limit (UCL) for all hospitals.
 - The UCL is important to compare the relative performance of hospitals reporting zero Adverse Events.
- **UCL.se:** The UCL.avg standard error

5.15 Isolated CABG Operative Mortality

5.15.1 Ten Lowest Upper Confidence Limits (UCL) bar chart



5.15.2 Upper Confidence Limit (UCL) Histogram



5.15.3 Upper Confidence Limit (UCL) Listing

Hospitals listed in UCL ascending order:

Table 5.43: Isolated CABG Operative Mortality

Hospital	Cases	AE	AER	LCL	UCL
Kaiser Foundation Hospital Los Angeles	522	2	0.004	0.001	0.014
Kaiser Foundation Hospital Santa Clara	351	1	0.003	0.001	0.016
Hoag Memorial Hospital Presbyterian	181	0	0.000	0.000	0.021
Cedars Sinai Medical Center	205	1	0.005	0.001	0.027
Kaiser Foundation Hospital Fontana	214	2	0.009	0.003	0.033
Kaiser Foundation Hospital San Francisco	432	7	0.016	0.008	0.033
Loma Linda University Medical Center Murrieta	102	0	0.000	0.000	0.036
Mercy General Hospital	466	9	0.019	0.010	0.036
Riverside Community Hospital	147	1	0.007	0.001	0.038
Scripps Memorial Hospital La Jolla	297	5	0.017	0.007	0.039
Alta Bates Summit Medical Center	135	1	0.007	0.001	0.041
Huntington Hospital	88	0	0.000	0.000	0.042
John Muir Medical Center Concord Campus	203	3	0.015	0.005	0.043
Providence Mission Hospital	83	0	0.000	0.000	0.044
Sharp Chula Vista Medical Center	82	0	0.000	0.000	0.045
Sutter Medical Center Sacramento	339	8	0.024	0.012	0.046
Loma Linda University Medical Center	212	4	0.019	0.007	0.048
Scripps Mercy Hospital	75	0	0.000	0.000	0.049
El Camino Health	73	0	0.000	0.000	0.050
Fresno Heart and Surgical Hospital	357	10	0.028	0.015	0.051
Ronald Reagan UCLA Medical Center	134	2	0.015	0.004	0.053
St. Joseph's Medical Center of Stockton	214	5	0.023	0.010	0.054
UC San Diego Health La Jolla Jacobs Medical Center & Sulpizio Cardiovascular Center	130	2	0.015	0.004	0.054
San Antonio Regional Hospital	127	2	0.016	0.004	0.056
Eisenhower Medical Center	95	1	0.011	0.002	0.057
Good Samaritan Hospital San Jose	63	0	0.000	0.000	0.057
Stanford Health Care	171	4	0.023	0.009	0.059
Community Memorial Hospital San Buenaventura	90	1	0.011	0.002	0.060
Pomona Valley Hospital Medical Center	111	2	0.018	0.005	0.063
PIH Health Good Samaritan Hospital	83	1	0.012	0.002	0.065
UC San Francisco Medical Center	125	3	0.024	0.008	0.068
Santa Barbara Cottage Hospital	76	1	0.013	0.002	0.071
Emanate Health Inter Community Hospital	119	3	0.025	0.009	0.072
Grossmont Hospital	97	2	0.021	0.006	0.072
Sharp Memorial Hospital	74	1	0.014	0.002	0.073
Fountain Valley Regional Hospital & Medical Center Euclid	94	2	0.021	0.006	0.074

Hospital	Cases	AE	AER	LCL	UCL
MemorialCare Orange Coast Medical Center	94	2	0.021	0.006	0.074
UC Irvine Medical Center	95	2	0.021	0.006	0.074
St. Bernardine Medical Center	204	8	0.039	0.020	0.075
Adventist Health Glendale	92	2	0.022	0.006	0.076
Orange County Global Medical Center	47	0	0.000	0.000	0.076
Los Angeles County+USC Medical Center	46	0	0.000	0.000	0.077
Lakewood Regional Medical Center	89	2	0.022	0.006	0.078
Dominican Hospital	45	0	0.000	0.000	0.079
Kaweah Health Medical Center	143	5	0.035	0.015	0.079
MarinHealth Medical Center	44	0	0.000	0.000	0.080
Desert Regional Medical Center	86	2	0.023	0.006	0.081
Glendale Memorial Hospital and Health Center	66	1	0.015	0.003	0.081
Mercy San Juan Medical Center	66	1	0.015	0.003	0.081
Providence Little Company of Mary Medical Center Torrance	66	1	0.015	0.003	0.081
Bakersfield Memorial Hospital	65	1	0.015	0.003	0.082
Northridge Hospital Medical Center	80	2	0.025	0.007	0.087
Palomar Health Downtown Campus	61	1	0.016	0.003	0.087
Providence St. Jude Medical Center	80	2	0.025	0.007	0.087
Salinas Valley Health Medical Center	97	3	0.031	0.011	0.087
Mills-Peninsula Medical Center	40	0	0.000	0.000	0.088
Providence Queen of the Valley Medical Center	40	0	0.000	0.000	0.088
California Pacific Medical Center Van Ness Campus	60	1	0.017	0.003	0.089
Doctors Medical Center	215	11	0.051	0.029	0.089
Memorial Medical Center Modesto	111	4	0.036	0.014	0.089
Los Robles Hospital & Medical Center	58	1	0.017	0.003	0.091
Los Angeles County/Harbor UCLA Medical Center	38	0	0.000	0.000	0.092
Temecula Valley Hospital	107	4	0.037	0.015	0.092
Providence St. Joseph Hospital	90	3	0.033	0.011	0.093
Torrance Memorial Medical Center	57	1	0.018	0.003	0.093
Washington Hospital Fremont	106	4	0.038	0.015	0.093
Adventist Health St. Helena	68	2	0.029	0.008	0.101
Providence Holy Cross Medical Center	51	1	0.020	0.003	0.103
Saint Agnes Medical Center	183	11	0.060	0.034	0.104
French Hospital Medical Center	65	2	0.031	0.008	0.105
Enloe Medical Center? Esplanade	124	7	0.056	0.028	0.112
Sequoia Hospital	46	1	0.022	0.004	0.113
UC Davis Medical Center	74	3	0.041	0.014	0.113
Adventist Health White Memorial	30	0	0.000	0.000	0.114
Keck Hospital of USC	73	3	0.041	0.014	0.114
MemorialCare Long Beach Medical Center	110	6	0.055	0.025	0.114

Hospital	Cases	AE	AER	LCL	UCL
Providence Santa Rosa Memorial Hospital Montgomery	45	1	0.022	0.004	0.116
Mercy Medical Center Redding	58	2	0.034	0.010	0.117
PIH Health Hospital Whittier	71	3	0.042	0.014	0.117
O'Connor Hospital	44	1	0.023	0.004	0.118
Garfield Medical Center	116	7	0.060	0.030	0.119
Stanford Health Care Tri-Valley	57	2	0.035	0.010	0.119
Community Hospital of the Monterey Peninsula	68	3	0.044	0.015	0.122
NorthBay Medical Center	66	3	0.045	0.016	0.125
AHMC Anaheim Regional Medical Center	76	4	0.053	0.021	0.128
St. Mary Medical Center Apple Valley	40	1	0.025	0.004	0.129
St. Mary Medical Center Long Beach	26	0	0.000	0.000	0.129
Tri-City Medical Center	39	1	0.026	0.005	0.132
Providence Saint Joseph Medical Center	25	0	0.000	0.000	0.133
USC Arcadia Hospital	25	0	0.000	0.000	0.133
Marian Regional Medical Center	50	2	0.040	0.011	0.135
West Hills Hospital and Medical Center	60	3	0.050	0.017	0.137
Henry Mayo Newhall Hospital	37	1	0.027	0.005	0.138
San Ramon Regional Medical Center	24	0	0.000	0.000	0.138
MemorialCare Saddleback Medical Center	59	3	0.051	0.017	0.139
Valley Presbyterian Hospital	23	0	0.000	0.000	0.143
California Hospital Medical Center Los Angeles	35	1	0.029	0.005	0.145
Shasta Regional Medical Center	64	4	0.062	0.025	0.150
Bakersfield Heart Hospital	54	3	0.056	0.019	0.151
Providence Cedars Sinai Tarzana Medical Center	44	2	0.045	0.013	0.151
Regional Medical Center of San Jose	73	5	0.068	0.030	0.151
St. John's Regional Medical Center	49	3	0.061	0.021	0.165
Santa Clara Valley Medical Center	39	2	0.051	0.014	0.169
Providence Saint John's Health Center	29	1	0.034	0.006	0.172
Hollywood Presbyterian Medical Center	28	1	0.036	0.006	0.177
Adventist Health Bakersfield	36	2	0.056	0.015	0.181
Dameron Hospital	44	3	0.068	0.023	0.182
Adventist Health and Rideout	57	5	0.088	0.038	0.189
West Anaheim Medical Center	15	0	0.000	0.000	0.204
Antelope Valley Hospital	37	3	0.081	0.028	0.213
PIH Health Hospital Downey	13	0	0.000	0.000	0.228
Beverly Hospital	20	1	0.050	0.009	0.236
AHMC Seton Medical Center	36	4	0.111	0.044	0.253
Providence St. Joseph Hospital Eureka	23	2	0.087	0.024	0.268
Centinela Hospital Medical Center	42	6	0.143	0.067	0.278
St. Francis Medical Center	18	2	0.111	0.031	0.328
Anaheim Global Medical Center	7	0	0.000	0.000	0.354
Community Regional Medical Center Fresno	1	1	1.000	0.207	1.000

5.15.4 Hospital Data Table

Table 5.44: Isolated CABG Operative Mortality

Hospital	Cases	AE	AER	LCL	UCL
AHMC Anaheim Regional Medical Center	76	4	0.053	0.021	0.128
AHMC Seton Medical Center	36	4	0.111	0.044	0.253
Adventist Health Bakersfield	36	2	0.056	0.015	0.181
Adventist Health Glendale	92	2	0.022	0.006	0.076
Adventist Health St. Helena	68	2	0.029	0.008	0.101
Adventist Health White Memorial	30	0	0.000	0.000	0.114
Adventist Health and Rideout	57	5	0.088	0.038	0.189
Alta Bates Summit Medical Center	135	1	0.007	0.001	0.041
Anaheim Global Medical Center	7	0	0.000	0.000	0.354
Antelope Valley Hospital	37	3	0.081	0.028	0.213
Bakersfield Heart Hospital	54	3	0.056	0.019	0.151
Bakersfield Memorial Hospital	65	1	0.015	0.003	0.082
Beverly Hospital	20	1	0.050	0.009	0.236
California Hospital Medical Center Los Angeles	35	1	0.029	0.005	0.145
California Pacific Medical Center Van Ness Campus	60	1	0.017	0.003	0.089
Cedars Sinai Medical Center	205	1	0.005	0.001	0.027
Centinela Hospital Medical Center	42	6	0.143	0.067	0.278
Community Hospital of the Monterey Peninsula	68	3	0.044	0.015	0.122
Community Memorial Hospital San Buenaventura	90	1	0.011	0.002	0.060
Community Regional Medical Center Fresno	1	1	1.000	0.207	1.000
Dameron Hospital	44	3	0.068	0.023	0.182
Desert Regional Medical Center	86	2	0.023	0.006	0.081
Doctors Medical Center	215	11	0.051	0.029	0.089
Dominican Hospital	45	0	0.000	0.000	0.079
Eisenhower Medical Center	95	1	0.011	0.002	0.057
El Camino Health	73	0	0.000	0.000	0.050
Emanate Health Inter Community Hospital	119	3	0.025	0.009	0.072
Enloe Medical Center? Esplanade	124	7	0.056	0.028	0.112
Fountain Valley Regional Hospital & Medical Center Euclid	94	2	0.021	0.006	0.074
French Hospital Medical Center	65	2	0.031	0.008	0.105
Fresno Heart and Surgical Hospital	357	10	0.028	0.015	0.051
Garfield Medical Center	116	7	0.060	0.030	0.119
Glendale Memorial Hospital and Health Center	66	1	0.015	0.003	0.081
Good Samaritan Hospital San Jose	63	0	0.000	0.000	0.057
Grossmont Hospital	97	2	0.021	0.006	0.072
Henry Mayo Newhall Hospital	37	1	0.027	0.005	0.138
Hoag Memorial Hospital Presbyterian	181	0	0.000	0.000	0.021

Hospital	Cases	AE	AER	LCL	UCL
Hollywood Presbyterian Medical Center	28	1	0.036	0.006	0.177
Huntington Hospital	88	0	0.000	0.000	0.042
John Muir Medical Center Concord Campus	203	3	0.015	0.005	0.043
Kaiser Foundation Hospital Fontana	214	2	0.009	0.003	0.033
Kaiser Foundation Hospital Los Angeles	522	2	0.004	0.001	0.014
Kaiser Foundation Hospital San Francisco	432	7	0.016	0.008	0.033
Kaiser Foundation Hospital Santa Clara	351	1	0.003	0.001	0.016
Kaweah Health Medical Center	143	5	0.035	0.015	0.079
Keck Hospital of USC	73	3	0.041	0.014	0.114
Lakewood Regional Medical Center	89	2	0.022	0.006	0.078
Loma Linda University Medical Center	212	4	0.019	0.007	0.048
Loma Linda University Medical Center Murrieta	102	0	0.000	0.000	0.036
Los Angeles County+USC Medical Center	46	0	0.000	0.000	0.077
Los Angeles County/Harbor UCLA Medical Center	38	0	0.000	0.000	0.092
Los Robles Hospital & Medical Center	58	1	0.017	0.003	0.091
Marian Regional Medical Center	50	2	0.040	0.011	0.135
MarinHealth Medical Center	44	0	0.000	0.000	0.080
Memorial Medical Center Modesto	111	4	0.036	0.014	0.089
MemorialCare Long Beach Medical Center	110	6	0.055	0.025	0.114
MemorialCare Orange Coast Medical Center	94	2	0.021	0.006	0.074
MemorialCare Saddleback Medical Center	59	3	0.051	0.017	0.139
Mercy General Hospital	466	9	0.019	0.010	0.036
Mercy Medical Center Redding	58	2	0.034	0.010	0.117
Mercy San Juan Medical Center	66	1	0.015	0.003	0.081
Mills-Peninsula Medical Center	40	0	0.000	0.000	0.088
NorthBay Medical Center	66	3	0.045	0.016	0.125
Northridge Hospital Medical Center	80	2	0.025	0.007	0.087
O'Connor Hospital	44	1	0.023	0.004	0.118
Orange County Global Medical Center	47	0	0.000	0.000	0.076
PIH Health Good Samaritan Hospital	83	1	0.012	0.002	0.065
PIH Health Hospital Downey	13	0	0.000	0.000	0.228
PIH Health Hospital Whittier	71	3	0.042	0.014	0.117
Palomar Health Downtown Campus	61	1	0.016	0.003	0.087
Pomona Valley Hospital Medical Center	111	2	0.018	0.005	0.063
Providence Cedars Sinai Tarzana Medical Center	44	2	0.045	0.013	0.151
Providence Holy Cross Medical Center	51	1	0.020	0.003	0.103
Providence Little Company of Mary Medical Center Torrance	66	1	0.015	0.003	0.081
Providence Mission Hospital	83	0	0.000	0.000	0.044
Providence Queen of the Valley Medical Center	40	0	0.000	0.000	0.088
Providence Saint John's Health Center	29	1	0.034	0.006	0.172
Providence Saint Joseph Medical Center	25	0	0.000	0.000	0.133

Hospital	Cases	AE	AER	LCL	UCL
Providence Santa Rosa Memorial Hospital Montgomery	45	1	0.022	0.004	0.116
Providence St. Joseph Hospital	90	3	0.033	0.011	0.093
Providence St. Joseph Hospital Eureka	23	2	0.087	0.024	0.268
Providence St. Jude Medical Center	80	2	0.025	0.007	0.087
Regional Medical Center of San Jose	73	5	0.068	0.030	0.151
Riverside Community Hospital	147	1	0.007	0.001	0.038
Ronald Reagan UCLA Medical Center	134	2	0.015	0.004	0.053
Saint Agnes Medical Center	183	11	0.060	0.034	0.104
Salinas Valley Health Medical Center	97	3	0.031	0.011	0.087
San Antonio Regional Hospital	127	2	0.016	0.004	0.056
San Ramon Regional Medical Center	24	0	0.000	0.000	0.138
Santa Barbara Cottage Hospital	76	1	0.013	0.002	0.071
Santa Clara Valley Medical Center	39	2	0.051	0.014	0.169
Scripps Memorial Hospital La Jolla	297	5	0.017	0.007	0.039
Scripps Mercy Hospital	75	0	0.000	0.000	0.049
Sequoia Hospital	46	1	0.022	0.004	0.113
Sharp Chula Vista Medical Center	82	0	0.000	0.000	0.045
Sharp Memorial Hospital	74	1	0.014	0.002	0.073
Shasta Regional Medical Center	64	4	0.062	0.025	0.150
St. Bernardine Medical Center	204	8	0.039	0.020	0.075
St. Francis Medical Center	18	2	0.111	0.031	0.328
St. John's Regional Medical Center	49	3	0.061	0.021	0.165
St. Joseph's Medical Center of Stockton	214	5	0.023	0.010	0.054
St. Mary Medical Center Apple Valley	40	1	0.025	0.004	0.129
St. Mary Medical Center Long Beach	26	0	0.000	0.000	0.129
Stanford Health Care	171	4	0.023	0.009	0.059
Stanford Health Care Tri-Valley	57	2	0.035	0.010	0.119
Sutter Medical Center Sacramento	339	8	0.024	0.012	0.046
Temecula Valley Hospital	107	4	0.037	0.015	0.092
Torrance Memorial Medical Center	57	1	0.018	0.003	0.093
Tri-City Medical Center	39	1	0.026	0.005	0.132
UC Davis Medical Center	74	3	0.041	0.014	0.113
UC Irvine Medical Center	95	2	0.021	0.006	0.074
UC San Diego Health La Jolla Jacobs Medical Center & Sulpizio Cardiovascular Center	130	2	0.015	0.004	0.054
UC San Francisco Medical Center	125	3	0.024	0.008	0.068
USC Arcadia Hospital	25	0	0.000	0.000	0.133
Valley Presbyterian Hospital	23	0	0.000	0.000	0.143
Washington Hospital Fremont	106	4	0.038	0.015	0.093
West Anaheim Medical Center	15	0	0.000	0.000	0.204
West Hills Hospital and Medical Center	60	3	0.050	0.017	0.137

5.15.5 Summary

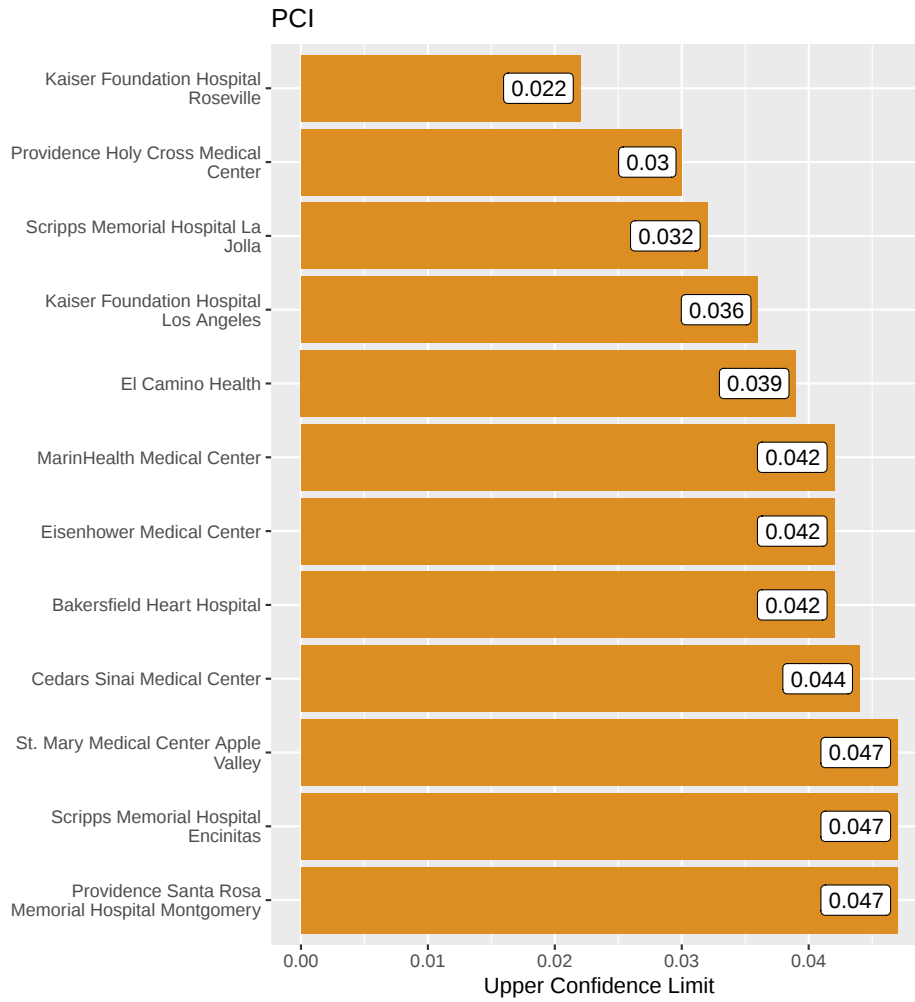
Table 5.45: Isolated CABG Operative Mortality

Hospitals	Cases.tot	AE.tot	AER.avg	AER.se	UCL.avg	UCL.se
118	11452	274	0.036	0.009	0.113	0.009

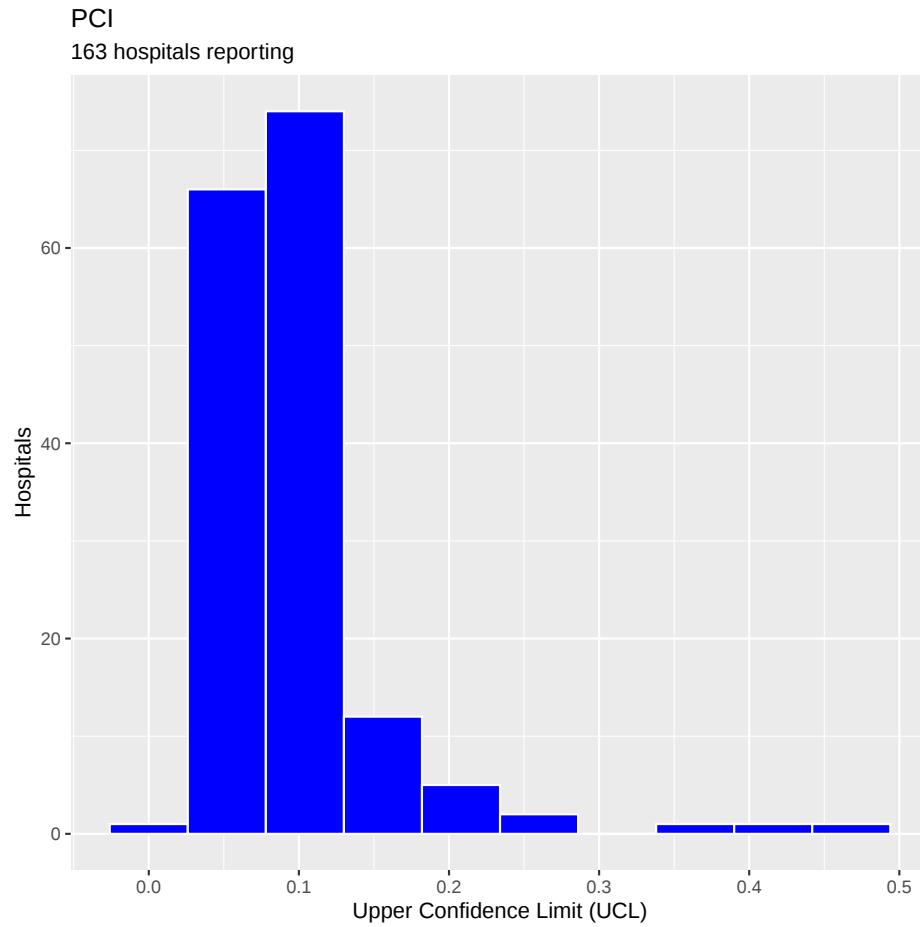
- **Cases.tot:** The total number of cases
- **AE.tot:** The total number of adverse events
- **AER.avg:** The average or arithmetic mean of the Adverse Event Rate for all hospitals.
 - Note: AER.avg is the average of the individual hospital AER values.
 - The Isolated CABG Operative Mortality AER rate for all hospitals is $AE.tot/Cases.tot$ and is equal to 0.024.
- **AER.se:** The AER.avg standard error.
- **UCL.avg:** The average or arithmetic mean of the Upper Confidence Limit (UCL) for all hospitals.
 - The UCL is important to compare the relative performance of hospitals reporting zero Adverse Events.
- **UCL.se:** The UCL.avg standard error

5.16 PCI

5.16.1 Ten Lowest Upper Confidence Limits (UCL) bar chart



5.16.2 Upper Confidence Limit (UCL) Histogram



5.16.3 Upper Confidence Limit (UCL) Listing

Hospitals listed in UCL ascending order:

Table 5.46: PCI

Hospital	Cases	AE	AER	LCL	UCL
Kaiser Foundation Hospital Roseville	326	2	0.006	0.002	0.022
Providence Holy Cross Medical Center	242	2	0.008	0.002	0.030
Scripps Memorial Hospital La Jolla	880	18	0.020	0.013	0.032
Kaiser Foundation Hospital Los Angeles	607	13	0.021	0.013	0.036
El Camino Health	220	3	0.014	0.005	0.039
Bakersfield Heart Hospital	208	3	0.014	0.005	0.042
Eisenhower Medical Center	337	7	0.021	0.010	0.042
MarinHealth Medical Center	171	2	0.012	0.003	0.042
Cedars Sinai Medical Center	804	24	0.030	0.020	0.044
Providence Santa Rosa Memorial Hospital	213	4	0.019	0.007	0.047
Montgomery					
Scripps Memorial Hospital Encinitas	183	3	0.016	0.006	0.047
St. Mary Medical Center Apple Valley	274	6	0.022	0.010	0.047
Riverside Community Hospital	564	17	0.030	0.019	0.048
Temecula Valley Hospital	434	12	0.028	0.016	0.048
Kaiser Foundation Hospital Santa Clara	424	12	0.028	0.016	0.049
Kaiser Foundation Hospital Walnut Creek	206	4	0.019	0.008	0.049
Hoag Memorial Hospital Presbyterian	354	10	0.028	0.015	0.051
Kaiser Foundation Hospital Orange County	107	1	0.009	0.002	0.051
Anaheim					
St. Joseph's Medical Center of Stockton	553	18	0.033	0.021	0.051
Dominican Hospital	194	4	0.021	0.008	0.052
PIH Health Good Samaritan Hospital	245	6	0.024	0.011	0.052
Kaiser Foundation Hospital Oakland/Richmond	213	5	0.023	0.010	0.054
UC San Diego Health Hillcrest Hillcrest Medical Center	356	11	0.031	0.017	0.054
Enloe Medical Center? Esplanade	260	7	0.027	0.013	0.055
Sutter Medical Center Sacramento	329	10	0.030	0.017	0.055
Saint Agnes Medical Center	383	13	0.034	0.020	0.057
Adventist Health Glendale	400	14	0.035	0.021	0.058
California Pacific Medical Center Van Ness Campus	197	5	0.025	0.011	0.058
Kaiser Foundation Hospital San Jose	147	3	0.020	0.007	0.058
Mercy General Hospital	766	32	0.042	0.030	0.058
Los Robles Hospital & Medical Center	216	6	0.028	0.013	0.059
Sutter Roseville Medical Center	349	12	0.034	0.020	0.059
Alta Bates Summit Medical Center	320	11	0.034	0.019	0.060
Antelope Valley Hospital	214	6	0.028	0.013	0.060

Hospital	Cases	AE	AER	LCL	UCL
John Muir Medical Center Walnut Creek Campus	60	0	0.000	0.000	0.060
Lakewood Regional Medical Center	215	6	0.028	0.013	0.060
UC Irvine Medical Center	190	5	0.026	0.011	0.060
Kaiser Foundation Hospital & Rehab Center Vallejo	141	3	0.021	0.007	0.061
Good Samaritan Hospital San Jose	248	8	0.032	0.016	0.062
Loma Linda University Medical Center Murrieta	534	22	0.041	0.027	0.062
Northridge Hospital Medical Center	372	14	0.038	0.023	0.062
Tri-City Medical Center	185	5	0.027	0.012	0.062
Kaiser Foundation Hospital San Francisco	306	11	0.036	0.020	0.063
Paradise Valley Hospital	56	0	0.000	0.000	0.064
Sharp Chula Vista Medical Center	322	12	0.037	0.021	0.064
Glendale Memorial Hospital and Health Center	154	4	0.026	0.010	0.065
Providence St. Joseph Hospital	277	10	0.036	0.020	0.065
Centinela Hospital Medical Center	130	3	0.023	0.008	0.066
San Antonio Regional Hospital	357	15	0.042	0.026	0.068
Adventist Health St. Helena	145	4	0.028	0.011	0.069
St. Bernardine Medical Center	335	14	0.042	0.025	0.069
John Muir Medical Center Concord Campus	256	10	0.039	0.021	0.070
Scripps Mercy Hospital	259	10	0.039	0.021	0.070
Sharp Memorial Hospital	381	17	0.045	0.028	0.070
Kaiser Foundation Hospital Fontana	235	9	0.038	0.020	0.071
Memorial Medical Center Modesto	308	13	0.042	0.025	0.071
MemorialCare Orange Coast Medical Center	159	5	0.031	0.014	0.071
Santa Clara Valley Medical Center	160	5	0.031	0.013	0.071
Desert Valley Hospital	228	9	0.039	0.021	0.073
Orange County Global Medical Center	137	4	0.029	0.011	0.073
Los Angeles County Olive View UCLA Medical Center	94	2	0.021	0.006	0.074
Mercy Medical Center Redding	191	7	0.037	0.018	0.074
Sutter Delta Medical Center	226	9	0.040	0.021	0.074
UC Davis Medical Center	204	8	0.039	0.020	0.075
MemorialCare Saddleback Medical Center	203	8	0.039	0.020	0.076
Community Memorial Hospital San Buenaventura	199	8	0.040	0.021	0.077
Adventist Health White Memorial	181	7	0.039	0.019	0.078
California Hospital Medical Center Los Angeles	68	1	0.015	0.003	0.079
Desert Regional Medical Center	228	10	0.044	0.024	0.079
French Hospital Medical Center	243	11	0.045	0.025	0.079
Kaiser Foundation Hospital South Sacramento	276	13	0.047	0.028	0.079
Mercy San Juan Medical Center	323	16	0.050	0.031	0.079
Hollywood Presbyterian Medical Center	193	8	0.041	0.021	0.080
Emanate Health Inter Community Hospital	298	15	0.050	0.031	0.081

Hospital	Cases	AE	AER	LCL	UCL
St. John's Regional Medical Center	174	7	0.040	0.020	0.081
Sutter Santa Rosa Regional Hospital	140	5	0.036	0.015	0.081
Bakersfield Memorial Hospital	250	12	0.048	0.028	0.082
Palmdale Regional Medical Center	138	5	0.036	0.016	0.082
Sequoia Hospital	65	1	0.015	0.003	0.082
Washington Hospital Fremont	138	5	0.036	0.016	0.082
Loma Linda University Medical Center	452	26	0.058	0.040	0.083
AHMC Seton Medical Center	195	9	0.046	0.024	0.085
Community Regional Medical Center Fresno	270	14	0.052	0.031	0.085
Huntington Hospital	164	7	0.043	0.021	0.085
Providence Cedars Sinai Tarzana Medical Center	197	9	0.046	0.024	0.085
UC San Francisco Medical Center	210	10	0.048	0.026	0.085
Adventist Health and Rideout	194	9	0.046	0.025	0.086
West Anaheim Medical Center	98	3	0.031	0.010	0.086
NorthBay Medical Center	146	6	0.041	0.019	0.087
Marian Regional Medical Center	112	4	0.036	0.014	0.088
Fountain Valley Regional Hospital & Medical Center Euclid	173	8	0.046	0.024	0.089
PIH Health Hospital Whittier	285	16	0.056	0.035	0.089
St. Mary Medical Center Long Beach	111	4	0.036	0.014	0.089
Providence Saint Joseph Medical Center	254	14	0.055	0.033	0.090
Mills-Peninsula Medical Center	276	16	0.058	0.036	0.092
Providence Little Company of Mary Medical Center Torrance	276	16	0.058	0.036	0.092
Providence Saint John's Health Center	167	8	0.048	0.024	0.092
Salinas Valley Health Medical Center	138	6	0.043	0.020	0.092
Henry Mayo Newhall Hospital	151	7	0.046	0.023	0.093
Highland Hospital	121	5	0.041	0.018	0.093
Stanford Health Care	232	13	0.056	0.033	0.093
Placentia Linda Hospital	37	0	0.000	0.000	0.094
Santa Monica UCLA Medical Center and Orthopaedic Hospital	88	3	0.034	0.012	0.095
Sherman Oaks Hospital	36	0	0.000	0.000	0.096
St. Mary's Medical Center	72	2	0.028	0.008	0.096
Palomar Medical Center	143	7	0.049	0.024	0.098
Arrowhead Regional Medical Center	53	1	0.019	0.003	0.099
Grossmont Hospital	425	30	0.071	0.050	0.099
Kaweah Health Medical Center	366	25	0.068	0.047	0.099
USC Arcadia Hospital	127	6	0.047	0.022	0.099
Los Angeles County/Harbor UCLA Medical Center	253	16	0.063	0.039	0.100
O'Connor Hospital	178	10	0.056	0.031	0.100
PIH Health Hospital Downey	98	4	0.041	0.016	0.100
Emanuel Medical Center	197	12	0.061	0.035	0.103

Hospital	Cases	AE	AER	LCL	UCL
Regional Medical Center of San Jose	174	10	0.057	0.032	0.103
Kaiser Foundation Hospital Fremont	33	0	0.000	0.000	0.104
Valley Presbyterian Hospital	108	5	0.046	0.020	0.104
Adventist Health Bakersfield	292	21	0.072	0.048	0.107
West Hills Hospital and Medical Center	142	8	0.056	0.029	0.107
Doctors Medical Center	324	24	0.074	0.050	0.108
Southern California Hospital at Culver City	63	2	0.032	0.009	0.109
Clovis Community Medical Center	114	6	0.053	0.024	0.110
Los Alamitos Medical Center	126	7	0.056	0.027	0.110
St. Rose Hospital	147	9	0.061	0.033	0.112
Stanford Health Care Tri-Valley	123	7	0.057	0.028	0.113
Beverly Hospital	98	5	0.051	0.022	0.114
Los Angeles County+USC Medical Center	242	18	0.074	0.048	0.114
Palomar Health Downtown Campus	145	9	0.062	0.033	0.114
Providence Mission Hospital	243	18	0.074	0.047	0.114
Kaiser Foundation Hospital Manteca	72	3	0.042	0.014	0.115
Providence St. Jude Medical Center	227	17	0.075	0.047	0.117
Ronald Reagan UCLA Medical Center	214	16	0.075	0.047	0.118
Santa Barbara Cottage Hospital	203	15	0.074	0.045	0.118
Corona Regional Medical Center Main	80	4	0.050	0.020	0.122
Torrance Memorial Medical Center	353	31	0.088	0.063	0.122
Garfield Medical Center	155	11	0.071	0.040	0.123
Alvarado Hospital Medical Center	65	3	0.046	0.016	0.127
Pomona Valley Hospital Medical Center	246	21	0.085	0.057	0.127
MemorialCare Long Beach Medical Center	197	16	0.081	0.051	0.128
Adventist Health Simi Valley	126	9	0.071	0.038	0.130
Providence Queen of the Valley Medical Center	106	7	0.066	0.032	0.130
AHMC Anaheim Regional Medical Center	74	4	0.054	0.021	0.131
St. Francis Medical Center	183	15	0.082	0.050	0.131
Shasta Regional Medical Center	113	8	0.071	0.036	0.134
Dameron Hospital	82	5	0.061	0.026	0.135
Kaiser Foundation Hospital Fresno	24	0	0.000	0.000	0.138
Kaiser Foundation Hospital San Rafael	24	0	0.000	0.000	0.138
Sierra View Medical Center	37	1	0.027	0.005	0.138
Providence St. Joseph Hospital Eureka	89	6	0.067	0.031	0.139
John F. Kennedy Memorial Hospital	68	4	0.059	0.023	0.142
Priscilla Chan & Mark Zuckerberg San	71	5	0.070	0.030	0.154
Francisco General Hospital & Trauma Center					
Community Hospital of the Monterey Peninsula	104	9	0.087	0.046	0.156
Keck Hospital of USC	152	18	0.118	0.076	0.179
Chino Valley Medical Center	35	2	0.057	0.016	0.186
Kaiser Foundation Hospital Redwood City	34	2	0.059	0.016	0.191
San Ramon Regional Medical Center	55	5	0.091	0.039	0.196
Kaiser Foundation Hospital Moreno Valley	15	0	0.000	0.000	0.204

Hospital	Cases	AE	AER	LCL	UCL
Mercy Medical Center Merced	15	0	0.000	0.000	0.204
Kaiser Foundation Hospital Riverside	20	1	0.050	0.009	0.236
Anaheim Global Medical Center	23	2	0.087	0.024	0.268
Kaiser Foundation Hospital West LA	6	0	0.000	0.000	0.390
Riverside University Health System Medical Center	5	0	0.000	0.000	0.434
Kaiser Foundation Hospital South Bay	4	0	0.000	0.000	0.490

5.16.4 Hospital Data Table

Table 5.47: PCI

Hospital	Cases	AE	AER	LCL	UCL
AHMC Anaheim Regional Medical Center	74	4	0.054	0.021	0.131
AHMC Seton Medical Center	195	9	0.046	0.024	0.085
Adventist Health Bakersfield	292	21	0.072	0.048	0.107
Adventist Health Glendale	400	14	0.035	0.021	0.058
Adventist Health Simi Valley	126	9	0.071	0.038	0.130
Adventist Health St. Helena	145	4	0.028	0.011	0.069
Adventist Health White Memorial	181	7	0.039	0.019	0.078
Adventist Health and Rideout	194	9	0.046	0.025	0.086
Alta Bates Summit Medical Center	320	11	0.034	0.019	0.060
Alvarado Hospital Medical Center	65	3	0.046	0.016	0.127
Anaheim Global Medical Center	23	2	0.087	0.024	0.268
Antelope Valley Hospital	214	6	0.028	0.013	0.060
Arrowhead Regional Medical Center	53	1	0.019	0.003	0.099
Bakersfield Heart Hospital	208	3	0.014	0.005	0.042
Bakersfield Memorial Hospital	250	12	0.048	0.028	0.082
Beverly Hospital	98	5	0.051	0.022	0.114
California Hospital Medical Center Los Angeles	68	1	0.015	0.003	0.079
California Pacific Medical Center Van Ness Campus	197	5	0.025	0.011	0.058
Cedars Sinai Medical Center	804	24	0.030	0.020	0.044
Centinela Hospital Medical Center	130	3	0.023	0.008	0.066
Chino Valley Medical Center	35	2	0.057	0.016	0.186
Clovis Community Medical Center	114	6	0.053	0.024	0.110
Community Hospital of the Monterey Peninsula	104	9	0.087	0.046	0.156
Community Memorial Hospital San Buenaventura	199	8	0.040	0.021	0.077
Community Regional Medical Center Fresno	270	14	0.052	0.031	0.085
Corona Regional Medical Center Main	80	4	0.050	0.020	0.122
Dameron Hospital	82	5	0.061	0.026	0.135
Desert Regional Medical Center	228	10	0.044	0.024	0.079
Desert Valley Hospital	228	9	0.039	0.021	0.073
Doctors Medical Center	324	24	0.074	0.050	0.108
Dominican Hospital	194	4	0.021	0.008	0.052
Eisenhower Medical Center	337	7	0.021	0.010	0.042
El Camino Health	220	3	0.014	0.005	0.039
Emanate Health Inter Community Hospital	298	15	0.050	0.031	0.081
Emanuel Medical Center	197	12	0.061	0.035	0.103
Enloe Medical Center? Esplanade	260	7	0.027	0.013	0.055
Fountain Valley Regional Hospital & Medical Center Euclid	173	8	0.046	0.024	0.089

Hospital	Cases	AE	AER	LCL	UCL
French Hospital Medical Center	243	11	0.045	0.025	0.079
Garfield Medical Center	155	11	0.071	0.040	0.123
Glendale Memorial Hospital and Health Center	154	4	0.026	0.010	0.065
Good Samaritan Hospital San Jose	248	8	0.032	0.016	0.062
Grossmont Hospital	425	30	0.071	0.050	0.099
Henry Mayo Newhall Hospital	151	7	0.046	0.023	0.093
Highland Hospital	121	5	0.041	0.018	0.093
Hoag Memorial Hospital Presbyterian	354	10	0.028	0.015	0.051
Hollywood Presbyterian Medical Center	193	8	0.041	0.021	0.080
Huntington Hospital	164	7	0.043	0.021	0.085
John F. Kennedy Memorial Hospital	68	4	0.059	0.023	0.142
John Muir Medical Center Concord Campus	256	10	0.039	0.021	0.070
John Muir Medical Center Walnut Creek Campus	60	0	0.000	0.000	0.060
Kaiser Foundation Hospital & Rehab Center Vallejo	141	3	0.021	0.007	0.061
Kaiser Foundation Hospital Fontana	235	9	0.038	0.020	0.071
Kaiser Foundation Hospital Fremont	33	0	0.000	0.000	0.104
Kaiser Foundation Hospital Fresno	24	0	0.000	0.000	0.138
Kaiser Foundation Hospital Los Angeles	607	13	0.021	0.013	0.036
Kaiser Foundation Hospital Manteca	72	3	0.042	0.014	0.115
Kaiser Foundation Hospital Moreno Valley	15	0	0.000	0.000	0.204
Kaiser Foundation Hospital Oakland/Richmond	213	5	0.023	0.010	0.054
Kaiser Foundation Hospital Orange County Anaheim	107	1	0.009	0.002	0.051
Kaiser Foundation Hospital Redwood City	34	2	0.059	0.016	0.191
Kaiser Foundation Hospital Riverside	20	1	0.050	0.009	0.236
Kaiser Foundation Hospital Roseville	326	2	0.006	0.002	0.022
Kaiser Foundation Hospital San Francisco	306	11	0.036	0.020	0.063
Kaiser Foundation Hospital San Jose	147	3	0.020	0.007	0.058
Kaiser Foundation Hospital San Rafael	24	0	0.000	0.000	0.138
Kaiser Foundation Hospital Santa Clara	424	12	0.028	0.016	0.049
Kaiser Foundation Hospital South Bay	4	0	0.000	0.000	0.490
Kaiser Foundation Hospital South Sacramento	276	13	0.047	0.028	0.079
Kaiser Foundation Hospital Walnut Creek	206	4	0.019	0.008	0.049
Kaiser Foundation Hospital West LA	6	0	0.000	0.000	0.390
Kaweah Health Medical Center	366	25	0.068	0.047	0.099
Keck Hospital of USC	152	18	0.118	0.076	0.179
Lakewood Regional Medical Center	215	6	0.028	0.013	0.060
Loma Linda University Medical Center	452	26	0.058	0.040	0.083
Loma Linda University Medical Center Murrieta	534	22	0.041	0.027	0.062
Los Alamitos Medical Center	126	7	0.056	0.027	0.110
Los Angeles County Olive View UCLA Medical Center	94	2	0.021	0.006	0.074

Hospital	Cases	AE	AER	LCL	UCL
Los Angeles County+USC Medical Center	242	18	0.074	0.048	0.114
Los Angeles County/Harbor UCLA Medical Center	253	16	0.063	0.039	0.100
Los Robles Hospital & Medical Center	216	6	0.028	0.013	0.059
Marian Regional Medical Center	112	4	0.036	0.014	0.088
MarinHealth Medical Center	171	2	0.012	0.003	0.042
Memorial Medical Center Modesto	308	13	0.042	0.025	0.071
MemorialCare Long Beach Medical Center	197	16	0.081	0.051	0.128
MemorialCare Orange Coast Medical Center	159	5	0.031	0.014	0.071
MemorialCare Saddleback Medical Center	203	8	0.039	0.020	0.076
Mercy General Hospital	766	32	0.042	0.030	0.058
Mercy Medical Center Merced	15	0	0.000	0.000	0.204
Mercy Medical Center Redding	191	7	0.037	0.018	0.074
Mercy San Juan Medical Center	323	16	0.050	0.031	0.079
Mills-Peninsula Medical Center	276	16	0.058	0.036	0.092
NorthBay Medical Center	146	6	0.041	0.019	0.087
Northridge Hospital Medical Center	372	14	0.038	0.023	0.062
O'Connor Hospital	178	10	0.056	0.031	0.100
Orange County Global Medical Center	137	4	0.029	0.011	0.073
PIH Health Good Samaritan Hospital	245	6	0.024	0.011	0.052
PIH Health Hospital Downey	98	4	0.041	0.016	0.100
PIH Health Hospital Whittier	285	16	0.056	0.035	0.089
Palmdale Regional Medical Center	138	5	0.036	0.016	0.082
Palomar Health Downtown Campus	145	9	0.062	0.033	0.114
Palomar Medical Center	143	7	0.049	0.024	0.098
Paradise Valley Hospital	56	0	0.000	0.000	0.064
Placentia Linda Hospital	37	0	0.000	0.000	0.094
Pomona Valley Hospital Medical Center	246	21	0.085	0.057	0.127
Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center	71	5	0.070	0.030	0.154
Providence Cedars Sinai Tarzana Medical Center	197	9	0.046	0.024	0.085
Providence Holy Cross Medical Center	242	2	0.008	0.002	0.030
Providence Little Company of Mary Medical Center Torrance	276	16	0.058	0.036	0.092
Providence Mission Hospital	243	18	0.074	0.047	0.114
Providence Queen of the Valley Medical Center	106	7	0.066	0.032	0.130
Providence Saint John's Health Center	167	8	0.048	0.024	0.092
Providence Saint Joseph Medical Center	254	14	0.055	0.033	0.090
Providence Santa Rosa Memorial Hospital Montgomery	213	4	0.019	0.007	0.047
Providence St. Joseph Hospital	277	10	0.036	0.020	0.065
Providence St. Joseph Hospital Eureka	89	6	0.067	0.031	0.139
Providence St. Jude Medical Center	227	17	0.075	0.047	0.117
Regional Medical Center of San Jose	174	10	0.057	0.032	0.103

Hospital	Cases	AE	AER	LCL	UCL
Riverside Community Hospital	564	17	0.030	0.019	0.048
Riverside University Health System Medical Center	5	0	0.000	0.000	0.434
Ronald Reagan UCLA Medical Center	214	16	0.075	0.047	0.118
Saint Agnes Medical Center	383	13	0.034	0.020	0.057
Salinas Valley Health Medical Center	138	6	0.043	0.020	0.092
San Antonio Regional Hospital	357	15	0.042	0.026	0.068
San Ramon Regional Medical Center	55	5	0.091	0.039	0.196
Santa Barbara Cottage Hospital	203	15	0.074	0.045	0.118
Santa Clara Valley Medical Center	160	5	0.031	0.013	0.071
Santa Monica UCLA Medical Center and Orthopaedic Hospital	88	3	0.034	0.012	0.095
Scripps Memorial Hospital Encinitas	183	3	0.016	0.006	0.047
Scripps Memorial Hospital La Jolla	880	18	0.020	0.013	0.032
Scripps Mercy Hospital	259	10	0.039	0.021	0.070
Sequoia Hospital	65	1	0.015	0.003	0.082
Sharp Chula Vista Medical Center	322	12	0.037	0.021	0.064
Sharp Memorial Hospital	381	17	0.045	0.028	0.070
Shasta Regional Medical Center	113	8	0.071	0.036	0.134
Sherman Oaks Hospital	36	0	0.000	0.000	0.096
Sierra View Medical Center	37	1	0.027	0.005	0.138
Southern California Hospital at Culver City	63	2	0.032	0.009	0.109
St. Bernardine Medical Center	335	14	0.042	0.025	0.069
St. Francis Medical Center	183	15	0.082	0.050	0.131
St. John's Regional Medical Center	174	7	0.040	0.020	0.081
St. Joseph's Medical Center of Stockton	553	18	0.033	0.021	0.051
St. Mary Medical Center Apple Valley	274	6	0.022	0.010	0.047
St. Mary Medical Center Long Beach	111	4	0.036	0.014	0.089
St. Mary's Medical Center	72	2	0.028	0.008	0.096
St. Rose Hospital	147	9	0.061	0.033	0.112
Stanford Health Care	232	13	0.056	0.033	0.093
Stanford Health Care Tri-Valley	123	7	0.057	0.028	0.113
Sutter Delta Medical Center	226	9	0.040	0.021	0.074
Sutter Medical Center Sacramento	329	10	0.030	0.017	0.055
Sutter Roseville Medical Center	349	12	0.034	0.020	0.059
Sutter Santa Rosa Regional Hospital	140	5	0.036	0.015	0.081
Temecula Valley Hospital	434	12	0.028	0.016	0.048
Torrance Memorial Medical Center	353	31	0.088	0.063	0.122
Tri-City Medical Center	185	5	0.027	0.012	0.062
UC Davis Medical Center	204	8	0.039	0.020	0.075
UC Irvine Medical Center	190	5	0.026	0.011	0.060
UC San Diego Health Hillcrest Hillcrest Medical Center	356	11	0.031	0.017	0.054
UC San Francisco Medical Center	210	10	0.048	0.026	0.085

Hospital	Cases	AE	AER	LCL	UCL
USC Arcadia Hospital	127	6	0.047	0.022	0.099
Valley Presbyterian Hospital	108	5	0.046	0.020	0.104
Washington Hospital Fremont	138	5	0.036	0.016	0.082
West Anaheim Medical Center	98	3	0.031	0.010	0.086
West Hills Hospital and Medical Center	142	8	0.056	0.029	0.107

5.16.5 Summary

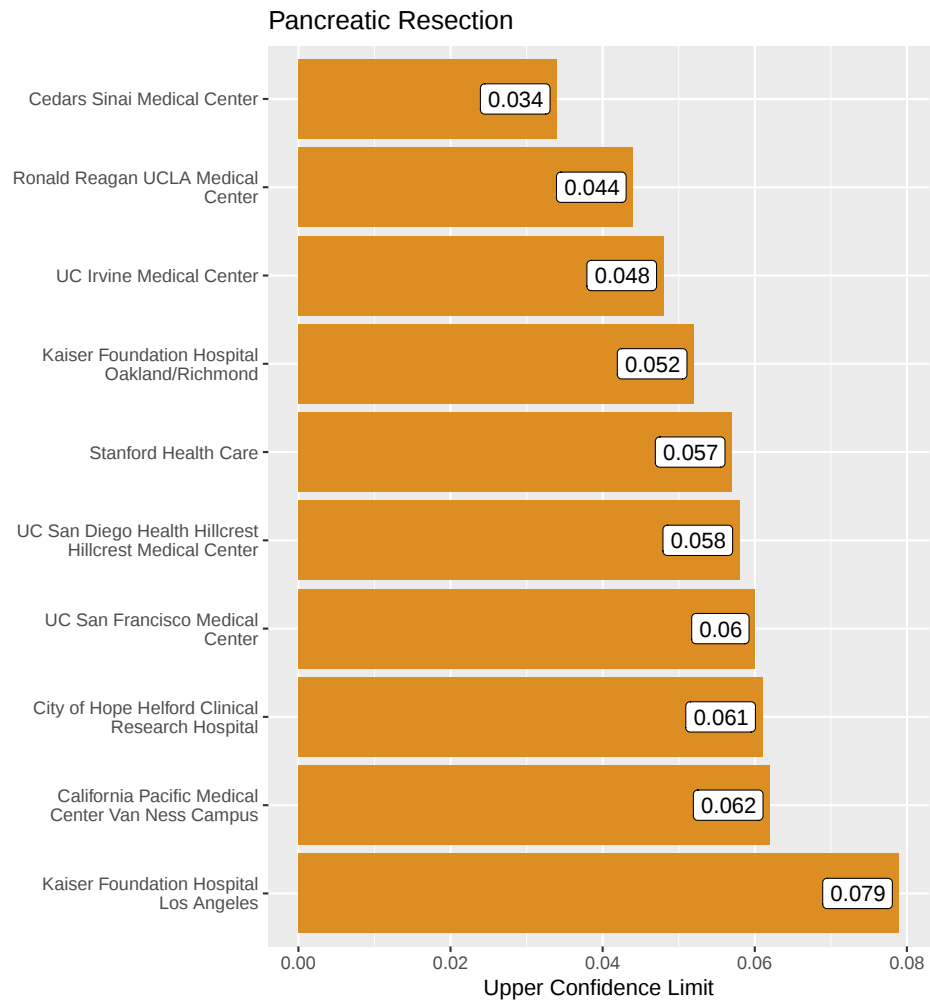
Table 5.48: PCI

Hospitals	Cases.tot	AE.tot	AER.avg	AER.se	UCL.avg	UCL.se
163	33624	1397	0.041	0.002	0.097	0.005

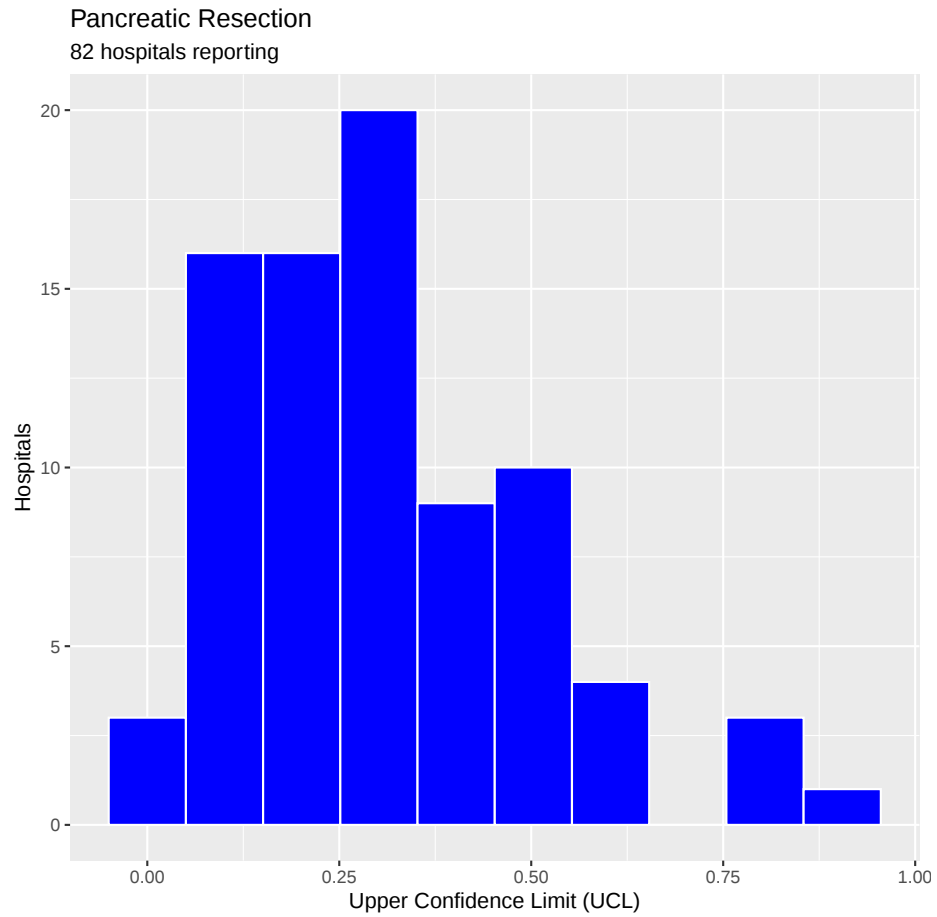
- **Cases.tot:** The total number of cases
- **AE.tot:** The total number of adverse events
- **AER.avg:** The average or arithmetic mean of the Adverse Event Rate for all hospitals.
 - Note: AER.avg is the average of the individual hospital AER values.
 - The PCI AER rate for all hospitals is $AE.tot/Cases.tot$ and is equal to 0.042.
- **AER.se:** The AER.avg standard error.
- **UCL.avg:** The average or arithmetic mean of the Upper Confidence Limit (UCL) for all hospitals.
 - The UCL is important to compare the relative performance of hospitals reporting zero Adverse Events.
- **UCL.se:** The UCL.avg standard error

5.17 Pancreatic Resection

5.17.1 Ten Lowest Upper Confidence Limits (UCL) bar chart



5.17.2 Upper Confidence Limit (UCL) Histogram



5.17.3 Upper Confidence Limit (UCL) Listing

Hospitals listed in UCL ascending order:

Table 5.49: Pancreatic Resection

Hospital	Cases	AE	AER	LCL	UCL
Cedars Sinai Medical Center	110	0	0.000	0.000	0.034
Ronald Reagan UCLA Medical Center	125	1	0.008	0.001	0.044
UC Irvine Medical Center	77	0	0.000	0.000	0.048
Kaiser Foundation Hospital Oakland/Richmond	104	1	0.010	0.002	0.052
Stanford Health Care	199	5	0.025	0.011	0.057
UC San Diego Health Hillcrest Hillcrest Medical Center	93	1	0.011	0.002	0.058
UC San Francisco Medical Center	117	2	0.017	0.005	0.060
City of Hope Helford Clinical Research Hospital	59	0	0.000	0.000	0.061
California Pacific Medical Center Van Ness Campus	58	0	0.000	0.000	0.062
Kaiser Foundation Hospital Los Angeles	45	0	0.000	0.000	0.079
Loma Linda University Medical Center	42	0	0.000	0.000	0.084
Huntington Hospital	38	0	0.000	0.000	0.092
Kaiser Foundation Hospital San Jose	36	0	0.000	0.000	0.096
Kaiser Foundation Hospital San Francisco	51	1	0.020	0.003	0.103
Providence Mission Hospital	32	0	0.000	0.000	0.107
Kaiser Foundation Hospital San Diego Zion	26	0	0.000	0.000	0.129
Kaiser Foundation Hospital Riverside	24	0	0.000	0.000	0.138
Kaiser Foundation Hospital Sacramento	47	2	0.043	0.012	0.142
Keck Hospital of USC	64	4	0.062	0.025	0.150
MemorialCare Orange Coast Medical Center	30	1	0.033	0.006	0.167
Kaiser Foundation Hospital West LA	19	0	0.000	0.000	0.168
Santa Barbara Cottage Hospital	18	0	0.000	0.000	0.176
Sharp Memorial Hospital	18	0	0.000	0.000	0.176
Kaiser Foundation Hospital Orange County Anaheim	17	0	0.000	0.000	0.184
Hoag Memorial Hospital Presbyterian	35	2	0.057	0.016	0.186
Sutter Medical Center Sacramento	42	3	0.071	0.025	0.190
Scripps Green Hospital	16	0	0.000	0.000	0.194
Providence Holy Cross Medical Center	37	3	0.081	0.028	0.213
Kaiser Foundation Hospital South Bay	14	0	0.000	0.000	0.215
Memorial Medical Center Modesto	14	0	0.000	0.000	0.215
Providence St. Jude Medical Center	21	1	0.048	0.008	0.227
Riverside Community Hospital	21	1	0.048	0.008	0.227
Providence Little Company of Mary Medical Center Torrance	13	0	0.000	0.000	0.228
Mercy General Hospital	27	2	0.074	0.021	0.234
UC Davis Medical Center	27	2	0.074	0.021	0.234

Hospital	Cases	AE	AER	LCL	UCL
El Camino Health	11	0	0.000	0.000	0.259
Los Angeles County+USC Medical Center	11	0	0.000	0.000	0.259
Los Robles Hospital & Medical Center	11	0	0.000	0.000	0.259
Mills-Peninsula Medical Center	11	0	0.000	0.000	0.259
PIH Health Good Samaritan Hospital	11	0	0.000	0.000	0.259
Scripps Mercy Hospital	11	0	0.000	0.000	0.259
Adventist Health Glendale	17	1	0.059	0.010	0.270
MemorialCare Long Beach Medical Center	17	1	0.059	0.010	0.270
Community Hospital of the Monterey Peninsula	10	0	0.000	0.000	0.278
Enloe Medical Center? Esplanade	10	0	0.000	0.000	0.278
Fountain Valley Regional Hospital & Medical Center Euclid	10	0	0.000	0.000	0.278
Tenet Health Central Coast Sierra Vista Regional Medical Center	10	0	0.000	0.000	0.278
Kaiser Foundation Hospital Downey	16	1	0.062	0.011	0.283
Providence Saint John's Health Center	15	1	0.067	0.012	0.298
Community Regional Medical Center Fresno	9	0	0.000	0.000	0.299
Providence Saint Joseph Medical Center	9	0	0.000	0.000	0.299
Garfield Medical Center	8	0	0.000	0.000	0.324
John Muir Medical Center Walnut Creek Campus	8	0	0.000	0.000	0.324
Saint Agnes Medical Center	8	0	0.000	0.000	0.324
Providence St. Joseph Hospital	18	2	0.111	0.031	0.328
Good Samaritan Hospital San Jose	7	0	0.000	0.000	0.354
Grossmont Hospital	7	0	0.000	0.000	0.354
Arrowhead Regional Medical Center	6	0	0.000	0.000	0.390
Clovis Community Medical Center	6	0	0.000	0.000	0.390
Los Angeles County Olive View UCLA Medical Center	6	0	0.000	0.000	0.390
Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center	6	0	0.000	0.000	0.390
Riverside University Health System Medical Center	6	0	0.000	0.000	0.390
San Antonio Regional Hospital	6	0	0.000	0.000	0.390
Los Angeles County/Harbor UCLA Medical Center	10	1	0.100	0.018	0.404
California Hospital Medical Center Los Angeles	8	1	0.125	0.022	0.471
Alta Bates Summit Medical Center	4	0	0.000	0.000	0.490
Emanate Health Foothill Presbyterian Hospital	4	0	0.000	0.000	0.490
French Hospital Medical Center	4	0	0.000	0.000	0.490
MemorialCare Saddleback Medical Center	4	0	0.000	0.000	0.490
Santa Clara Valley Medical Center	4	0	0.000	0.000	0.490
Scripps Memorial Hospital La Jolla	4	0	0.000	0.000	0.490
Valley Presbyterian Hospital	4	0	0.000	0.000	0.490

Hospital	Cases	AE	AER	LCL	UCL
Torrance Memorial Medical Center	13	3	0.231	0.082	0.503
San Joaquin General Hospital	7	1	0.143	0.026	0.513
Kaiser Foundation Hospital Panorama City	3	0	0.000	0.000	0.561
Kern Medical Center	3	0	0.000	0.000	0.561
Marian Regional Medical Center Arroyo Grande	3	0	0.000	0.000	0.561
Ventura County Medical Center	3	0	0.000	0.000	0.561
Bakersfield Memorial Hospital	3	1	0.333	0.061	0.792
Hollywood Presbyterian Medical Center	6	3	0.500	0.188	0.812
O'Connor Hospital	4	2	0.500	0.150	0.850
USC Arcadia Hospital	3	2	0.667	0.208	0.939

5.17.4 Hospital Data Table

Table 5.50: Pancreatic Resection

Hospital	Cases	AE	AER	LCL	UCL
Adventist Health Glendale	17	1	0.059	0.010	0.270
Alta Bates Summit Medical Center	4	0	0.000	0.000	0.490
Arrowhead Regional Medical Center	6	0	0.000	0.000	0.390
Bakersfield Memorial Hospital	3	1	0.333	0.061	0.792
California Hospital Medical Center Los Angeles	8	1	0.125	0.022	0.471
California Pacific Medical Center Van Ness	58	0	0.000	0.000	0.062
Campus					
Cedars Sinai Medical Center	110	0	0.000	0.000	0.034
City of Hope Helford Clinical Research Hospital	59	0	0.000	0.000	0.061
Clovis Community Medical Center	6	0	0.000	0.000	0.390
Community Hospital of the Monterey Peninsula	10	0	0.000	0.000	0.278
Community Regional Medical Center Fresno	9	0	0.000	0.000	0.299
El Camino Health	11	0	0.000	0.000	0.259
Emanate Health Foothill Presbyterian Hospital	4	0	0.000	0.000	0.490
Enloe Medical Center? Esplanade	10	0	0.000	0.000	0.278
Fountain Valley Regional Hospital & Medical Center Euclid	10	0	0.000	0.000	0.278
French Hospital Medical Center	4	0	0.000	0.000	0.490
Garfield Medical Center	8	0	0.000	0.000	0.324
Good Samaritan Hospital San Jose	7	0	0.000	0.000	0.354
Grossmont Hospital	7	0	0.000	0.000	0.354
Hoag Memorial Hospital Presbyterian	35	2	0.057	0.016	0.186
Hollywood Presbyterian Medical Center	6	3	0.500	0.188	0.812
Huntington Hospital	38	0	0.000	0.000	0.092
John Muir Medical Center Walnut Creek	8	0	0.000	0.000	0.324
Campus					
Kaiser Foundation Hospital Downey	16	1	0.062	0.011	0.283
Kaiser Foundation Hospital Los Angeles	45	0	0.000	0.000	0.079
Kaiser Foundation Hospital Oakland/Richmond	104	1	0.010	0.002	0.052
Kaiser Foundation Hospital Orange County	17	0	0.000	0.000	0.184
Anaheim					
Kaiser Foundation Hospital Panorama City	3	0	0.000	0.000	0.561
Kaiser Foundation Hospital Riverside	24	0	0.000	0.000	0.138
Kaiser Foundation Hospital Sacramento	47	2	0.043	0.012	0.142
Kaiser Foundation Hospital San Diego Zion	26	0	0.000	0.000	0.129
Kaiser Foundation Hospital San Francisco	51	1	0.020	0.003	0.103
Kaiser Foundation Hospital San Jose	36	0	0.000	0.000	0.096
Kaiser Foundation Hospital South Bay	14	0	0.000	0.000	0.215
Kaiser Foundation Hospital West LA	19	0	0.000	0.000	0.168
Keck Hospital of USC	64	4	0.062	0.025	0.150

Hospital	Cases	AE	AER	LCL	UCL
Kern Medical Center	3	0	0.000	0.000	0.561
Loma Linda University Medical Center	42	0	0.000	0.000	0.084
Los Angeles County Olive View UCLA Medical Center	6	0	0.000	0.000	0.390
Los Angeles County+USC Medical Center	11	0	0.000	0.000	0.259
Los Angeles County/Harbor UCLA Medical Center	10	1	0.100	0.018	0.404
Los Robles Hospital & Medical Center	11	0	0.000	0.000	0.259
Marian Regional Medical Center Arroyo Grande	3	0	0.000	0.000	0.561
Memorial Medical Center Modesto	14	0	0.000	0.000	0.215
MemorialCare Long Beach Medical Center	17	1	0.059	0.010	0.270
MemorialCare Orange Coast Medical Center	30	1	0.033	0.006	0.167
MemorialCare Saddleback Medical Center	4	0	0.000	0.000	0.490
Mercy General Hospital	27	2	0.074	0.021	0.234
Mills-Peninsula Medical Center	11	0	0.000	0.000	0.259
O'Connor Hospital	4	2	0.500	0.150	0.850
PIH Health Good Samaritan Hospital	11	0	0.000	0.000	0.259
Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center	6	0	0.000	0.000	0.390
Providence Holy Cross Medical Center	37	3	0.081	0.028	0.213
Providence Little Company of Mary Medical Center Torrance	13	0	0.000	0.000	0.228
Providence Mission Hospital	32	0	0.000	0.000	0.107
Providence Saint John's Health Center	15	1	0.067	0.012	0.298
Providence Saint Joseph Medical Center	9	0	0.000	0.000	0.299
Providence St. Joseph Hospital	18	2	0.111	0.031	0.328
Providence St. Jude Medical Center	21	1	0.048	0.008	0.227
Riverside Community Hospital	21	1	0.048	0.008	0.227
Riverside University Health System Medical Center	6	0	0.000	0.000	0.390
Ronald Reagan UCLA Medical Center	125	1	0.008	0.001	0.044
Saint Agnes Medical Center	8	0	0.000	0.000	0.324
San Antonio Regional Hospital	6	0	0.000	0.000	0.390
San Joaquin General Hospital	7	1	0.143	0.026	0.513
Santa Barbara Cottage Hospital	18	0	0.000	0.000	0.176
Santa Clara Valley Medical Center	4	0	0.000	0.000	0.490
Scripps Green Hospital	16	0	0.000	0.000	0.194
Scripps Memorial Hospital La Jolla	4	0	0.000	0.000	0.490
Scripps Mercy Hospital	11	0	0.000	0.000	0.259
Sharp Memorial Hospital	18	0	0.000	0.000	0.176
Stanford Health Care	199	5	0.025	0.011	0.057
Sutter Medical Center Sacramento	42	3	0.071	0.025	0.190
Tenet Health Central Coast Sierra Vista Regional Medical Center	10	0	0.000	0.000	0.278

Hospital	Cases	AE	AER	LCL	UCL
Torrance Memorial Medical Center	13	3	0.231	0.082	0.503
UC Davis Medical Center	27	2	0.074	0.021	0.234
UC Irvine Medical Center	77	0	0.000	0.000	0.048
UC San Diego Health Hillcrest Hillcrest Medical Center	93	1	0.011	0.002	0.058
UC San Francisco Medical Center	117	2	0.017	0.005	0.060
USC Arcadia Hospital	3	2	0.667	0.208	0.939
Valley Presbyterian Hospital	4	0	0.000	0.000	0.490
Ventura County Medical Center	3	0	0.000	0.000	0.561

5.17.5 Summary

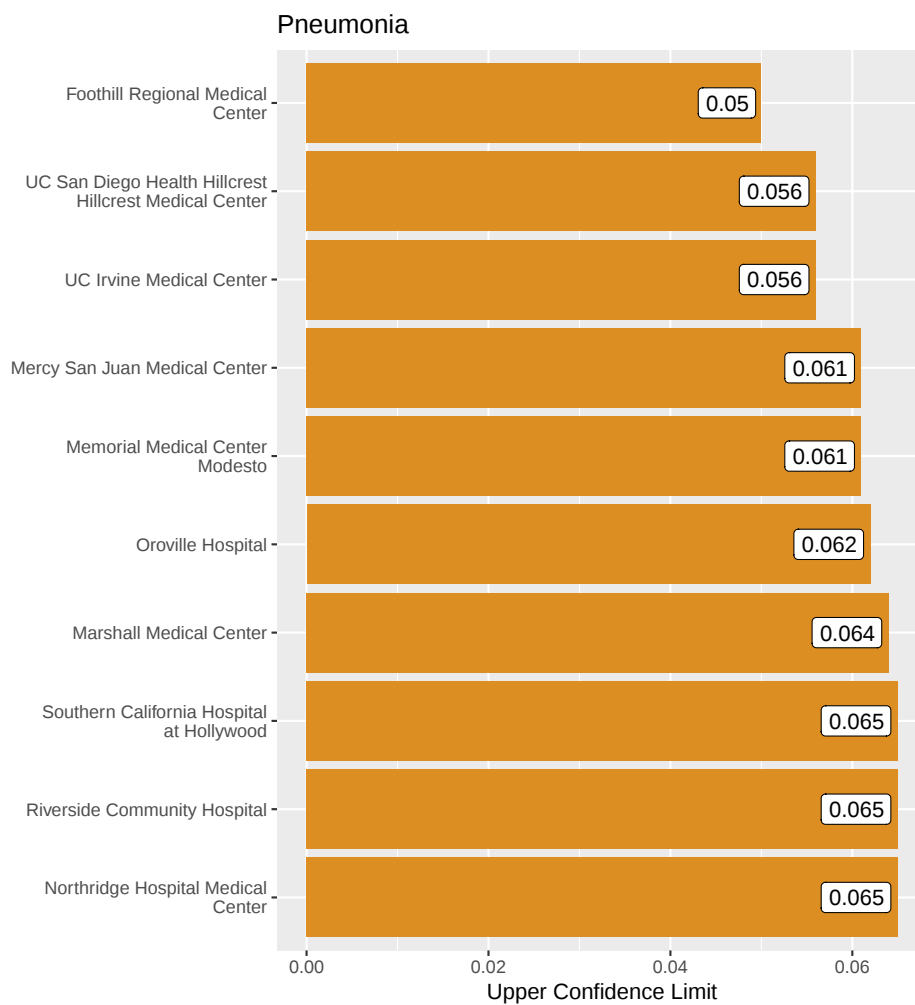
Table 5.51: Pancreatic Resection

Hospitals	Cases.tot	AE.tot	AER.avg	AER.se	UCL.avg	UCL.se
82	2091	52	0.044	0.013	0.299	0.021

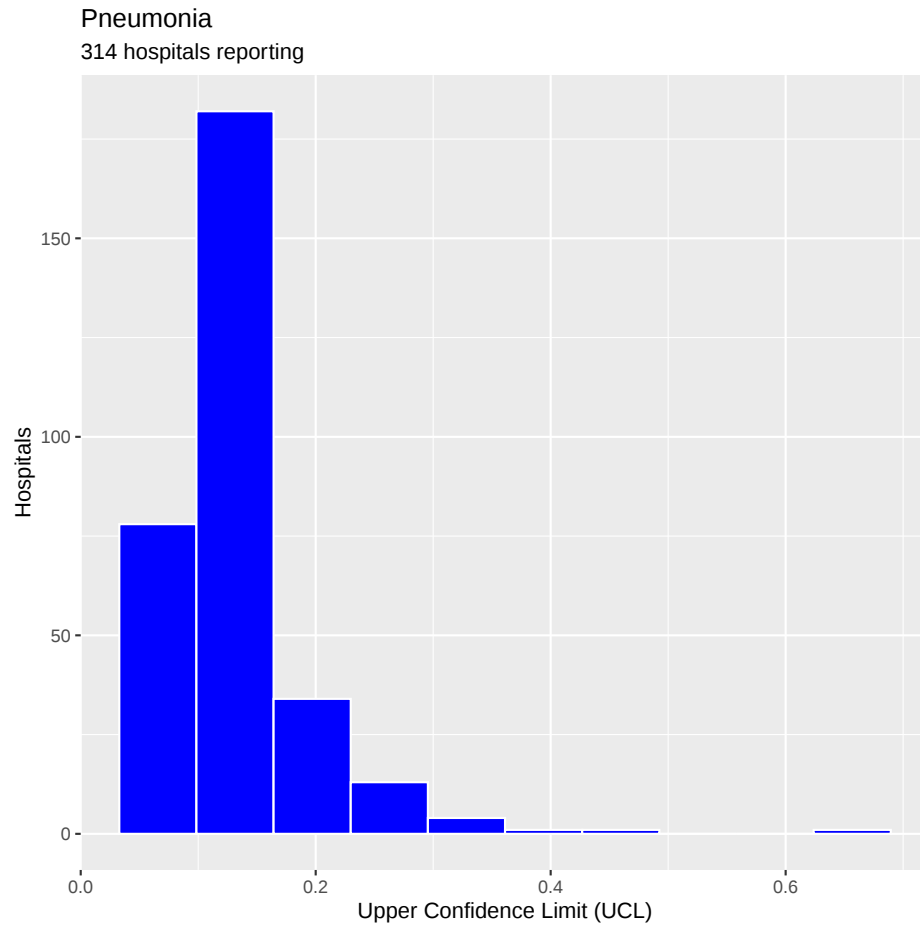
- **Cases.tot:** The total number of cases
- **AE.tot:** The total number of adverse events
- **AER.avg:** The average or arithmetic mean of the Adverse Event Rate for all hospitals.
 - Note: AER.avg is the average of the individual hospital AER values.
 - The Pancreatic Resection AER rate for all hospitals is $AE.tot/Cases.tot$ and is equal to 0.025.
- **AER.se:** The AER.avg standard error.
- **UCL.avg:** The average or arithmetic mean of the Upper Confidence Limit (UCL) for all hospitals.
 - The UCL is important to compare the relative performance of hospitals reporting zero Adverse Events.
- **UCL.se:** The UCL.avg standard error

5.18 Pneumonia

5.18.1 Ten Lowest Upper Confidence Limits (UCL) bar chart



5.18.2 Upper Confidence Limit (UCL) Histogram



5.18.3 Upper Confidence Limit (UCL) Listing

Hospitals listed in UCL ascending order:

Table 5.52: Pneumonia

Hospital	Cases	AE	AER	LCL	UCL
Foothill Regional Medical Center	255	6	0.024	0.011	0.050
UC Irvine Medical Center	299	9	0.030	0.016	0.056
UC San Diego Health Hillcrest Hillcrest Medical Center	700	27	0.039	0.027	0.056
Memorial Medical Center Modesto	381	14	0.037	0.022	0.061
Mercy San Juan Medical Center	555	23	0.041	0.028	0.061
Oroville Hospital	812	37	0.046	0.033	0.062
Marshall Medical Center	200	6	0.030	0.014	0.064
Northridge Hospital Medical Center	318	12	0.038	0.022	0.065
Riverside Community Hospital	509	22	0.043	0.029	0.065
Southern California Hospital at Hollywood	431	18	0.042	0.027	0.065
Eisenhower Medical Center	586	27	0.046	0.032	0.066
Good Samaritan Hospital Bakersfield	53	0	0.000	0.000	0.068
Kaiser Foundation Hospital Antioch	227	8	0.035	0.018	0.068
Regional Medical Center of San Jose	528	25	0.047	0.032	0.069
Sutter Amador Hospital	124	3	0.024	0.008	0.069
Sierra Nevada Memorial Hospital	181	6	0.033	0.015	0.070
Mercy Medical Center Merced	403	19	0.047	0.030	0.072
UC Davis Medical Center	330	15	0.045	0.028	0.074
Desert Valley Hospital	389	19	0.049	0.031	0.075
MemorialCare Saddleback Medical Center	238	10	0.042	0.023	0.076
Scripps Mercy Hospital	630	35	0.056	0.040	0.076
Southern California Hospital at Culver City	605	33	0.055	0.039	0.076
Fairchild Medical Center	46	0	0.000	0.000	0.077
Los Angeles Community Hospital	346	17	0.049	0.031	0.077
Scripps Memorial Hospital Encinitas	365	18	0.049	0.031	0.077
La Palma Intercommunity Hospital	128	4	0.031	0.012	0.078
Community Regional Medical Center Fresno	546	31	0.057	0.040	0.079
Highland Hospital	293	14	0.048	0.029	0.079
Sutter Roseville Medical Center	462	25	0.054	0.037	0.079
Kaiser Foundation Hospital Roseville	540	31	0.057	0.041	0.080
Adventist Health Simi Valley	346	18	0.052	0.033	0.081
Loma Linda University Medical Center	358	19	0.053	0.034	0.081
Southwest Healthcare System Murrieta	443	25	0.056	0.039	0.082
Emanuel Health Foothill Presbyterian Hospital	233	11	0.047	0.027	0.083
Kaiser Foundation Hospital Manteca	263	13	0.049	0.029	0.083
Kaiser Foundation Hospital South Sacramento	438	25	0.057	0.039	0.083
Mercy Hospital of Folsom	201	9	0.045	0.024	0.083
Community Hospital of Huntington Park	151	6	0.040	0.018	0.084

Hospital	Cases	AE	AER	LCL	UCL
Kaiser Foundation Hospital San Diego Zion	445	26	0.058	0.040	0.084
St. Louise Regional Hospital	135	5	0.037	0.016	0.084
Adventist Health Glendale	753	49	0.065	0.050	0.085
Community Hospital of the Monterey Peninsula	357	20	0.056	0.037	0.085
Bakersfield Memorial Hospital	268	14	0.052	0.031	0.086
California Hospital Medical Center Los Angeles	223	11	0.049	0.028	0.086
Adventist Health Ukiah Valley	130	5	0.038	0.017	0.087
Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center	250	13	0.052	0.031	0.087
AHMC Anaheim Regional Medical Center	331	19	0.057	0.037	0.088
Adventist Health Sonora Greenley	186	9	0.048	0.026	0.089
L.A. Downtown Medical Center	186	9	0.048	0.026	0.089
Adventist Health and Rideout	440	28	0.064	0.044	0.090
Healdsburg Hospital	39	0	0.000	0.000	0.090
Enloe Medical Center? Esplanade	662	46	0.069	0.052	0.091
Kaiser Foundation Hospital South San Francisco	267	15	0.056	0.034	0.091
Norwalk Community Hospital	210	11	0.052	0.029	0.091
PIH Health Hospital Downey	265	15	0.057	0.035	0.091
Santa Clara Valley Medical Center	253	14	0.055	0.033	0.091
Sharp Chula Vista Medical Center	474	31	0.065	0.046	0.091
Shasta Regional Medical Center	306	18	0.059	0.038	0.091
Hoag Memorial Hospital Presbyterian	795	57	0.072	0.056	0.092
Kaiser Foundation Hospital Sacramento	355	22	0.062	0.041	0.092
Los Robles Hospital & Medical Center	447	29	0.065	0.046	0.092
Beverly Hospital	219	12	0.055	0.032	0.093
St. Mary Medical Center Apple Valley	340	21	0.062	0.041	0.093
San Antonio Regional Hospital	559	39	0.070	0.051	0.094
San Joaquin General Hospital	162	8	0.049	0.025	0.094
St. Joseph's Medical Center of Stockton	485	33	0.068	0.049	0.094
Hi-Desert Medical Center	104	4	0.038	0.015	0.095
Kaiser Foundation Hospital Fresno	242	14	0.058	0.035	0.095
Kern Medical Center	73	2	0.027	0.008	0.095
Providence Saint Joseph Medical Center	441	30	0.068	0.048	0.095
Mercy Hospital Bakersfield	339	22	0.065	0.043	0.096
PIH Health Hospital Whittier	437	30	0.069	0.049	0.096
Santa Monica UCLA Medical Center and Orthopaedic Hospital	354	23	0.065	0.044	0.096
Kaiser Foundation Hospital Fremont	185	10	0.054	0.030	0.097
Glendale Memorial Hospital and Health Center	310	20	0.065	0.042	0.098
Salinas Valley Health Medical Center	208	12	0.058	0.033	0.098
Sequoia Hospital	100	4	0.040	0.016	0.098
Victor Valley Global Medical Center	259	16	0.062	0.038	0.098
Adventist Health Lodi Memorial	257	16	0.062	0.039	0.099
Huntington Hospital	530	39	0.074	0.054	0.099

Hospital	Cases	AE	AER	LCL	UCL
Saint Agnes Medical Center	706	55	0.078	0.060	0.100
Kaiser Foundation Hospital Downey	239	15	0.063	0.038	0.101
Kaiser Foundation Hospital Walnut Creek	382	27	0.071	0.049	0.101
Providence Holy Cross Medical Center	264	17	0.064	0.041	0.101
Sutter Tracy Community Hospital	97	4	0.041	0.016	0.101
Eden Medical Center	200	12	0.060	0.035	0.102
Santa Barbara Cottage Hospital	307	21	0.068	0.045	0.102
Adventist Health Clearlake	81	3	0.037	0.013	0.103
Kaiser Foundation Hospital Redwood City	122	6	0.049	0.023	0.103
Memorial Hospital of Gardena	247	16	0.065	0.040	0.103
Adventist Health White Memorial	232	15	0.065	0.040	0.104
Alta Bates Summit Medical Center	279	19	0.068	0.044	0.104
Sharp Memorial Hospital	505	39	0.077	0.057	0.104
Desert Regional Medical Center	377	28	0.074	0.052	0.105
Kaiser Foundation Hospital Santa Clara	275	19	0.069	0.045	0.105
Stanford Health Care	435	33	0.076	0.055	0.105
Marian Regional Medical Center	216	14	0.065	0.039	0.106
Saint Francis Memorial Hospital	131	7	0.053	0.026	0.106
Sutter Delta Medical Center	180	11	0.061	0.034	0.106
Alvarado Hospital Medical Center	248	17	0.069	0.043	0.107
Marian Regional Medical Center Arroyo Grande	78	3	0.038	0.013	0.107
Adventist Health Bakersfield	610	51	0.084	0.064	0.108
Community Hospital of San Bernardino	141	8	0.057	0.029	0.108
El Camino Health	455	36	0.079	0.058	0.108
Kaiser Foundation Hospital Orange County Anaheim	496	40	0.081	0.060	0.108
Kaiser Foundation Hospital San Jose	246	17	0.069	0.044	0.108
Kaiser Foundation Hospital Santa Rosa	302	22	0.073	0.049	0.108
Los Angeles County/Harbor UCLA Medical Center	176	11	0.062	0.035	0.108
Natividad Medical Center	104	5	0.048	0.021	0.108
Orange County Global Medical Center	176	11	0.062	0.035	0.108
St. John's Regional Medical Center	234	16	0.068	0.043	0.108
UC San Francisco Medical Center	466	37	0.079	0.058	0.108
Emanate Health Queen of the Valley Hospital	331	25	0.076	0.052	0.109
French Hospital Medical Center	127	7	0.055	0.027	0.109
Adventist Health Hanford	307	23	0.075	0.050	0.110
Cedars Sinai Marina Del Rey Hospital	185	12	0.065	0.037	0.110
Kaiser Foundation Hospital San Leandro	262	19	0.073	0.047	0.110
Menifee Global Medical Center	114	6	0.053	0.024	0.110
Scripps Memorial Hospital La Jolla	349	27	0.077	0.054	0.110
Emanuel Medical Center	474	39	0.082	0.061	0.111
Kaiser Foundation Hospital San Rafael	161	10	0.062	0.034	0.111
Methodist Hospital of Sacramento	206	14	0.068	0.041	0.111

Hospital	Cases	AE	AER	LCL	UCL
California Pacific Medical Center Mission Bernal Campus	124	7	0.056	0.028	0.112
Temecula Valley Hospital	342	27	0.079	0.055	0.112
Kaiser Foundation Hospital Fontana	572	50	0.087	0.067	0.113
Scripps Green Hospital	135	8	0.059	0.030	0.113
Sutter Lakeside Hospital	46	1	0.022	0.004	0.113
USC Arcadia Hospital	495	42	0.085	0.063	0.113
Cedars Sinai Medical Center	897	84	0.094	0.076	0.114
Grossmont Hospital	618	55	0.089	0.069	0.114
O'Connor Hospital	297	23	0.077	0.052	0.114
Tenet Health Central Coast Twin Cities Community Hospital	156	10	0.064	0.035	0.114
Hollywood Presbyterian Medical Center	437	37	0.085	0.062	0.115
John Muir Medical Center Concord Campus	356	29	0.081	0.057	0.115
Kaiser Foundation Hospital South Bay	198	14	0.071	0.043	0.115
San Geronio Memorial Hospital	97	5	0.052	0.022	0.115
Centinela Hospital Medical Center	576	52	0.090	0.070	0.116
Fountain Valley Regional Hospital & Medical Center Euclid	440	38	0.086	0.064	0.116
Kaiser Foundation Hospital Oakland/Richmond	470	41	0.087	0.065	0.116
Kaweah Health Medical Center	569	51	0.090	0.069	0.116
PIH Health Good Samaritan Hospital	291	23	0.079	0.053	0.116
St. Mary Medical Center Long Beach	208	15	0.072	0.044	0.116
MemorialCare Orange Coast Medical Center	277	22	0.079	0.053	0.117
Providence Little Company of Mary Medical Center San Pedro	141	9	0.064	0.034	0.117
Ronald Reagan UCLA Medical Center	297	24	0.081	0.055	0.117
Alta Bates Summit Medical Center Alta Bates Campus	106	6	0.057	0.026	0.118
Clovis Community Medical Center	452	40	0.088	0.066	0.118
Pioneers Memorial Healthcare District	106	6	0.057	0.026	0.118
Casa Colina Hospital	57	2	0.035	0.010	0.119
Hemet Global Medical Center	391	34	0.087	0.063	0.119
Providence St. Joseph Hospital	449	40	0.089	0.066	0.119
Sharp Coronado Hospital and Healthcare Center	70	3	0.043	0.015	0.119
Adventist Health St. Helena	69	3	0.043	0.015	0.120
Los Angeles County+USC Medical Center	301	25	0.083	0.057	0.120
Mercy General Hospital	321	27	0.084	0.058	0.120
St. Francis Medical Center	349	30	0.086	0.061	0.120
West Covina Medical Center	28	0	0.000	0.000	0.121
Los Angeles County Olive View UCLA Medical Center	166	12	0.072	0.042	0.122
Mercy Medical Center Redding	392	35	0.089	0.065	0.122
Laguna Honda Hospital and Rehab Center	42	1	0.024	0.004	0.123

Hospital	Cases	AE	AER	LCL	UCL
Montclair Hospital Medical Center	244	20	0.082	0.054	0.123
San Ramon Regional Medical Center	154	11	0.071	0.040	0.123
NorthBay Medical Center	420	39	0.093	0.069	0.124
Placentia Linda Hospital	183	14	0.077	0.046	0.124
Providence St. Joseph Hospital Eureka	253	21	0.083	0.055	0.124
USC Verdugo Hills Hospital	214	17	0.079	0.050	0.124
Adventist Health Howard Memorial	54	2	0.037	0.010	0.125
Good Samaritan Hospital San Jose	353	32	0.091	0.065	0.125
Providence Mission Hospital Laguna Beach	78	4	0.051	0.020	0.125
Redlands Community Hospital	400	37	0.092	0.068	0.125
Corona Regional Medical Center Main	248	21	0.085	0.056	0.126
Hazel Hawkins Memorial Hospital	41	1	0.024	0.004	0.126
MarinHealth Medical Center	220	18	0.082	0.052	0.126
St. John's Hospital Camarillo	180	14	0.078	0.047	0.126
Stanford Health Care Tri-Valley	171	13	0.076	0.045	0.126
Sutter Coast Hospital	99	6	0.061	0.028	0.126
Adventist Health Tulare	65	3	0.046	0.016	0.127
Henry Mayo Newhall Hospital	312	28	0.090	0.063	0.127
Dominican Hospital	235	20	0.085	0.056	0.128
Kaiser Foundation Hospital Woodland Hills	206	17	0.083	0.052	0.128
Mad River Community Hospital	53	2	0.038	0.010	0.128
Sutter Auburn Faith Hospital	108	7	0.065	0.032	0.128
Novato Community Hospital	64	3	0.047	0.016	0.129
Sierra View Medical Center	224	19	0.085	0.055	0.129
St. Elizabeth Community Hospital	106	7	0.066	0.032	0.130
Loma Linda University Medical Center Murrieta	274	25	0.091	0.063	0.131
St. Mary's Medical Center	115	8	0.070	0.036	0.131
Sutter Santa Rosa Regional Hospital	95	6	0.063	0.029	0.131
Watsonville Community Hospital	164	13	0.079	0.047	0.131
Washington Hospital Fremont	342	33	0.096	0.070	0.132
Mission Community Hospital Panorama Campus	350	34	0.097	0.070	0.133
Sutter Medical Center Sacramento	288	27	0.094	0.065	0.133
Torrance Memorial Medical Center	552	58	0.105	0.082	0.133
Tri-City Medical Center	333	32	0.096	0.069	0.133
Barstow Community Hospital	92	6	0.065	0.030	0.135
College Medical Center	102	7	0.069	0.034	0.135
Palmdale Regional Medical Center	309	30	0.097	0.069	0.135
South Coast Global Medical Center	102	7	0.069	0.034	0.135
Woodland Memorial Hospital	92	6	0.065	0.030	0.135
Kaiser Foundation Hospital Riverside	147	12	0.082	0.047	0.137
Pomona Valley Hospital Medical Center	270	26	0.096	0.067	0.137
West Hills Hospital and Medical Center	305	30	0.098	0.070	0.137
Providence Saint John's Health Center	252	24	0.095	0.065	0.138
St. Bernardine Medical Center	419	44	0.105	0.079	0.138

Hospital	Cases	AE	AER	LCL	UCL
Alhambra Hospital Medical Center	216	20	0.093	0.061	0.139
Kaiser Foundation Hospital & Rehab Center Vallejo	172	15	0.087	0.054	0.139
Providence Mission Hospital	392	41	0.105	0.078	0.139
Sherman Oaks Hospital	259	25	0.097	0.066	0.139
John F. Kennedy Memorial Hospital	206	19	0.092	0.060	0.140
Memorial Hospital Los Banos	48	2	0.042	0.012	0.140
West Anaheim Medical Center	373	39	0.105	0.077	0.140
Contra Costa Regional Medical Center	78	5	0.064	0.028	0.141
Riverside University Health System Medical Center	169	15	0.089	0.055	0.141
Community Memorial Hospital San Buenaventura	228	22	0.096	0.065	0.142
Goleta Valley Cottage Hospital	23	0	0.000	0.000	0.143
Kaiser Foundation Hospital Moreno Valley	105	8	0.076	0.039	0.143
Monterey Park Hospital	123	10	0.081	0.045	0.143
Alameda Hospital	122	10	0.082	0.045	0.144
John Muir Medical Center Walnut Creek Campus	470	53	0.113	0.087	0.145
Kaiser Foundation Hospital San Francisco	146	13	0.089	0.053	0.146
MemorialCare Long Beach Medical Center	293	31	0.106	0.076	0.146
Palomar Medical Center	270	28	0.104	0.073	0.146
Providence St. Jude Medical Center	541	63	0.116	0.092	0.146
Doctors Medical Center	600	71	0.118	0.095	0.147
Tenet Health Central Coast Sierra Vista Regional Medical Center	102	8	0.078	0.040	0.147
Ventura County Medical Center	120	10	0.083	0.046	0.147
Sutter Davis Hospital	45	2	0.044	0.012	0.148
John C Fremont Healthcare District	22	0	0.000	0.000	0.149
Palomar Health Downtown Campus	241	25	0.104	0.071	0.149
Providence Santa Rosa Memorial Hospital Montgomery	241	25	0.104	0.071	0.149
Tahoe Forest Hospital	34	1	0.029	0.005	0.149
AHMC Seton Medical Center	142	13	0.092	0.054	0.150
Dameron Hospital	183	18	0.098	0.063	0.150
Kaiser Foundation Hospital Vacaville	173	17	0.098	0.062	0.152
Ridgecrest Regional Hospital	63	4	0.063	0.025	0.152
Adventist Health Delano	98	8	0.082	0.042	0.153
Antelope Valley Hospital	628	79	0.126	0.102	0.154
Keck Hospital of USC	62	4	0.065	0.025	0.154
Providence Little Company of Mary Medical Center Torrance	301	34	0.113	0.082	0.154
Valley Presbyterian Hospital	293	33	0.113	0.081	0.154
Petaluma Valley Hospital	88	7	0.080	0.039	0.155

Hospital	Cases	AE	AER	LCL	UCL
St. Rose Hospital	138	13	0.094	0.056	0.155
Arrowhead Regional Medical Center	296	34	0.115	0.083	0.156
Doctors Hospital of Riverside	259	29	0.112	0.079	0.156
San Gabriel Valley Medical Center	311	36	0.116	0.085	0.156
Chinese Hospital	70	5	0.071	0.031	0.157
Providence Cedars Sinai Tarzana Medical Center	198	21	0.106	0.070	0.157
Lakewood Regional Medical Center	322	38	0.118	0.087	0.158
Palomar Medical Center Poway	173	18	0.104	0.067	0.158
Madera Community Hospital	86	7	0.081	0.040	0.159
Sutter Solano Medical Center	102	9	0.088	0.047	0.159
Chino Valley Medical Center	201	22	0.109	0.073	0.160
Colorado River Medical Center	20	0	0.000	0.000	0.161
Huntington Beach Hospital	193	21	0.109	0.072	0.161
California Pacific Medical Center Van Ness Campus	184	20	0.109	0.071	0.162
Coast Plaza Hospital	169	18	0.107	0.068	0.162
Doctors Hospital of Manteca	146	15	0.103	0.063	0.163
Kaiser Foundation Hospital Baldwin Park	123	12	0.098	0.057	0.163
Encino Hospital Medical Center	99	9	0.091	0.049	0.164
Lompoc Valley Medical Center	58	4	0.069	0.027	0.164
Los Alamitos Medical Center	279	34	0.122	0.089	0.165
Kaiser Foundation Hospital Panorama City	149	16	0.107	0.067	0.167
Emanate Health Inter Community Hospital	247	30	0.121	0.086	0.168
Paradise Valley Hospital	156	17	0.109	0.069	0.168
Kaiser Foundation Hospital Los Angeles	211	25	0.118	0.082	0.169
Kaiser Foundation Hospital West LA	152	17	0.112	0.071	0.172
Mills-Peninsula Medical Center	129	14	0.109	0.066	0.174
Barton Memorial Hospital	46	3	0.065	0.022	0.175
Mountains Community Hospital	18	0	0.000	0.000	0.176
Orchard Hospital	18	0	0.000	0.000	0.176
Kern Valley Healthcare District	28	1	0.036	0.006	0.177
Whittier Hospital Medical Center	171	21	0.123	0.082	0.180
Garden Grove Hospital and Medical Center	206	27	0.131	0.092	0.184
San Mateo Medical Center	43	3	0.070	0.024	0.186
San Dimas Community Hospital	196	26	0.133	0.092	0.187
Anaheim Global Medical Center	90	10	0.111	0.061	0.193
Adventist Health Reedley	16	0	0.000	0.000	0.194
El Centro Regional Medical Center	237	34	0.143	0.105	0.194
Providence Queen of the Valley Medical Center	177	24	0.136	0.093	0.194
Sonoma Valley Hospital	32	2	0.062	0.017	0.201
Adventist Health Tehachapi Valley	53	5	0.094	0.041	0.203
City of Hope Helford Clinical Research Hospital	177	26	0.147	0.102	0.207
Adventist Health Mendocino Coast	38	3	0.079	0.027	0.208
Chapman Global Medical Center	58	6	0.103	0.048	0.208

Hospital	Cases	AE	AER	LCL	UCL
Eastern Plumas Hospital Portola Campus	23	1	0.043	0.008	0.210
Oak Valley Hospital District	23	1	0.043	0.008	0.210
Mark Twain Medical Center	44	4	0.091	0.036	0.212
Greater El Monte Community Hospital	193	30	0.155	0.111	0.213
California Pacific Medical Center Davies Campus Hospital	49	5	0.102	0.044	0.218
Northern Inyo Hospital	29	2	0.069	0.019	0.220
Bakersfield Heart Hospital	109	16	0.147	0.092	0.225
Community Hospital Long Beach	65	8	0.123	0.064	0.225
Bear Valley Community Hospital	13	0	0.000	0.000	0.228
Coalinga Regional Medical Center	13	0	0.000	0.000	0.228
Mercy Medical Center Mt. Shasta	33	3	0.091	0.031	0.236
Pacifica Hospital of the Valley	59	8	0.136	0.070	0.245
Modoc Medical Center	19	1	0.053	0.009	0.246
Ojai Valley Community Hospital	19	1	0.053	0.009	0.246
Plumas District Hospital	19	1	0.053	0.009	0.246
Providence Redwood Memorial Hospital	42	5	0.119	0.052	0.250
Palo Verde Hospital	11	0	0.000	0.000	0.259
Banner Lassen Medical Center	45	6	0.133	0.063	0.262
Garfield Medical Center	225	47	0.209	0.161	0.267
Mayers Memorial Hospital	17	1	0.059	0.010	0.270
Colusa Medical Center	37	5	0.135	0.059	0.280
Olympia Medical Center	32	4	0.125	0.050	0.281
Glenn Medical Center	16	1	0.062	0.011	0.283
Seneca District Hospital	9	0	0.000	0.000	0.299
East Los Angeles Doctors Hospital	98	21	0.214	0.145	0.305
Mammoth Hospital	8	0	0.000	0.000	0.324
George L. Mee Memorial Hospital	17	2	0.118	0.033	0.343
Santa Ynez Valley Cottage Hospital	11	1	0.091	0.016	0.377
Los Angeles County/Rancho Los Amigos	9	1	0.111	0.020	0.435
National Rehab Center					
Trinity Hospital	7	2	0.286	0.082	0.641

5.18.4 Hospital Data Table

Table 5.53: Pneumonia

Hospital	Cases	AE	AER	LCL	UCL
AHMC Anaheim Regional Medical Center	331	19	0.057	0.037	0.088
AHMC Seton Medical Center	142	13	0.092	0.054	0.150
Adventist Health Bakersfield	610	51	0.084	0.064	0.108
Adventist Health Clearlake	81	3	0.037	0.013	0.103
Adventist Health Delano	98	8	0.082	0.042	0.153
Adventist Health Glendale	753	49	0.065	0.050	0.085
Adventist Health Hanford	307	23	0.075	0.050	0.110
Adventist Health Howard Memorial	54	2	0.037	0.010	0.125
Adventist Health Lodi Memorial	257	16	0.062	0.039	0.099
Adventist Health Mendocino Coast	38	3	0.079	0.027	0.208
Adventist Health Reedley	16	0	0.000	0.000	0.194
Adventist Health Simi Valley	346	18	0.052	0.033	0.081
Adventist Health Sonora Greenley	186	9	0.048	0.026	0.089
Adventist Health St. Helena	69	3	0.043	0.015	0.120
Adventist Health Tehachapi Valley	53	5	0.094	0.041	0.203
Adventist Health Tulare	65	3	0.046	0.016	0.127
Adventist Health Ukiah Valley	130	5	0.038	0.017	0.087
Adventist Health White Memorial	232	15	0.065	0.040	0.104
Adventist Health and Rideout	440	28	0.064	0.044	0.090
Alameda Hospital	122	10	0.082	0.045	0.144
Alhambra Hospital Medical Center	216	20	0.093	0.061	0.139
Alta Bates Summit Medical Center	279	19	0.068	0.044	0.104
Alta Bates Summit Medical Center Alta Bates Campus	106	6	0.057	0.026	0.118
Alvarado Hospital Medical Center	248	17	0.069	0.043	0.107
Anaheim Global Medical Center	90	10	0.111	0.061	0.193
Antelope Valley Hospital	628	79	0.126	0.102	0.154
Arrowhead Regional Medical Center	296	34	0.115	0.083	0.156
Bakersfield Heart Hospital	109	16	0.147	0.092	0.225
Bakersfield Memorial Hospital	268	14	0.052	0.031	0.086
Banner Lassen Medical Center	45	6	0.133	0.063	0.262
Barstow Community Hospital	92	6	0.065	0.030	0.135
Barton Memorial Hospital	46	3	0.065	0.022	0.175
Bear Valley Community Hospital	13	0	0.000	0.000	0.228
Beverly Hospital	219	12	0.055	0.032	0.093
California Hospital Medical Center Los Angeles	223	11	0.049	0.028	0.086
California Pacific Medical Center Davies	49	5	0.102	0.044	0.218
Campus Hospital					
California Pacific Medical Center Mission Bernal Campus	124	7	0.056	0.028	0.112

Hospital	Cases	AE	AER	LCL	UCL
California Pacific Medical Center Van Ness Campus	184	20	0.109	0.071	0.162
Casa Colina Hospital	57	2	0.035	0.010	0.119
Cedars Sinai Marina Del Rey Hospital	185	12	0.065	0.037	0.110
Cedars Sinai Medical Center	897	84	0.094	0.076	0.114
Centinela Hospital Medical Center	576	52	0.090	0.070	0.116
Chapman Global Medical Center	58	6	0.103	0.048	0.208
Chinese Hospital	70	5	0.071	0.031	0.157
Chino Valley Medical Center	201	22	0.109	0.073	0.160
City of Hope Helford Clinical Research Hospital	177	26	0.147	0.102	0.207
Clovis Community Medical Center	452	40	0.088	0.066	0.118
Coalinga Regional Medical Center	13	0	0.000	0.000	0.228
Coast Plaza Hospital	169	18	0.107	0.068	0.162
College Medical Center	102	7	0.069	0.034	0.135
Colorado River Medical Center	20	0	0.000	0.000	0.161
Colusa Medical Center	37	5	0.135	0.059	0.280
Community Hospital Long Beach	65	8	0.123	0.064	0.225
Community Hospital of Huntington Park	151	6	0.040	0.018	0.084
Community Hospital of San Bernardino	141	8	0.057	0.029	0.108
Community Hospital of the Monterey Peninsula	357	20	0.056	0.037	0.085
Community Memorial Hospital San Buenaventura	228	22	0.096	0.065	0.142
Community Regional Medical Center Fresno	546	31	0.057	0.040	0.079
Contra Costa Regional Medical Center	78	5	0.064	0.028	0.141
Corona Regional Medical Center Main	248	21	0.085	0.056	0.126
Dameron Hospital	183	18	0.098	0.063	0.150
Desert Regional Medical Center	377	28	0.074	0.052	0.105
Desert Valley Hospital	389	19	0.049	0.031	0.075
Doctors Hospital of Manteca	146	15	0.103	0.063	0.163
Doctors Hospital of Riverside	259	29	0.112	0.079	0.156
Doctors Medical Center	600	71	0.118	0.095	0.147
Dominican Hospital	235	20	0.085	0.056	0.128
East Los Angeles Doctors Hospital	98	21	0.214	0.145	0.305
Eastern Plumas Hospital Portola Campus	23	1	0.043	0.008	0.210
Eden Medical Center	200	12	0.060	0.035	0.102
Eisenhower Medical Center	586	27	0.046	0.032	0.066
El Camino Health	455	36	0.079	0.058	0.108
El Centro Regional Medical Center	237	34	0.143	0.105	0.194
Emanate Health Foothill Presbyterian Hospital	233	11	0.047	0.027	0.083
Emanate Health Inter Community Hospital	247	30	0.121	0.086	0.168
Emanate Health Queen of the Valley Hospital	331	25	0.076	0.052	0.109
Emanuel Medical Center	474	39	0.082	0.061	0.111
Encino Hospital Medical Center	99	9	0.091	0.049	0.164
Enloe Medical Center? Esplanade	662	46	0.069	0.052	0.091

Hospital	Cases	AE	AER	LCL	UCL
Fairchild Medical Center	46	0	0.000	0.000	0.077
Foothill Regional Medical Center	255	6	0.024	0.011	0.050
Fountain Valley Regional Hospital & Medical Center Euclid	440	38	0.086	0.064	0.116
French Hospital Medical Center	127	7	0.055	0.027	0.109
Garden Grove Hospital and Medical Center	206	27	0.131	0.092	0.184
Garfield Medical Center	225	47	0.209	0.161	0.267
George L. Mee Memorial Hospital	17	2	0.118	0.033	0.343
Glendale Memorial Hospital and Health Center	310	20	0.065	0.042	0.098
Glenn Medical Center	16	1	0.062	0.011	0.283
Goleta Valley Cottage Hospital	23	0	0.000	0.000	0.143
Good Samaritan Hospital Bakersfield	53	0	0.000	0.000	0.068
Good Samaritan Hospital San Jose	353	32	0.091	0.065	0.125
Greater El Monte Community Hospital	193	30	0.155	0.111	0.213
Grossmont Hospital	618	55	0.089	0.069	0.114
Hazel Hawkins Memorial Hospital	41	1	0.024	0.004	0.126
Healdsburg Hospital	39	0	0.000	0.000	0.090
Hemet Global Medical Center	391	34	0.087	0.063	0.119
Henry Mayo Newhall Hospital	312	28	0.090	0.063	0.127
Hi-Desert Medical Center	104	4	0.038	0.015	0.095
Highland Hospital	293	14	0.048	0.029	0.079
Hoag Memorial Hospital Presbyterian	795	57	0.072	0.056	0.092
Hollywood Presbyterian Medical Center	437	37	0.085	0.062	0.115
Huntington Beach Hospital	193	21	0.109	0.072	0.161
Huntington Hospital	530	39	0.074	0.054	0.099
John C Fremont Healthcare District	22	0	0.000	0.000	0.149
John F. Kennedy Memorial Hospital	206	19	0.092	0.060	0.140
John Muir Medical Center Concord Campus	356	29	0.081	0.057	0.115
John Muir Medical Center Walnut Creek Campus	470	53	0.113	0.087	0.145
Kaiser Foundation Hospital & Rehab Center Vallejo	172	15	0.087	0.054	0.139
Kaiser Foundation Hospital Antioch	227	8	0.035	0.018	0.068
Kaiser Foundation Hospital Baldwin Park	123	12	0.098	0.057	0.163
Kaiser Foundation Hospital Downey	239	15	0.063	0.038	0.101
Kaiser Foundation Hospital Fontana	572	50	0.087	0.067	0.113
Kaiser Foundation Hospital Fremont	185	10	0.054	0.030	0.097
Kaiser Foundation Hospital Fresno	242	14	0.058	0.035	0.095
Kaiser Foundation Hospital Los Angeles	211	25	0.118	0.082	0.169
Kaiser Foundation Hospital Manteca	263	13	0.049	0.029	0.083
Kaiser Foundation Hospital Moreno Valley	105	8	0.076	0.039	0.143
Kaiser Foundation Hospital Oakland/Richmond	470	41	0.087	0.065	0.116
Kaiser Foundation Hospital Orange County Anaheim	496	40	0.081	0.060	0.108

Hospital	Cases	AE	AER	LCL	UCL
Kaiser Foundation Hospital Panorama City	149	16	0.107	0.067	0.167
Kaiser Foundation Hospital Redwood City	122	6	0.049	0.023	0.103
Kaiser Foundation Hospital Riverside	147	12	0.082	0.047	0.137
Kaiser Foundation Hospital Roseville	540	31	0.057	0.041	0.080
Kaiser Foundation Hospital Sacramento	355	22	0.062	0.041	0.092
Kaiser Foundation Hospital San Diego Zion	445	26	0.058	0.040	0.084
Kaiser Foundation Hospital San Francisco	146	13	0.089	0.053	0.146
Kaiser Foundation Hospital San Jose	246	17	0.069	0.044	0.108
Kaiser Foundation Hospital San Leandro	262	19	0.073	0.047	0.110
Kaiser Foundation Hospital San Rafael	161	10	0.062	0.034	0.111
Kaiser Foundation Hospital Santa Clara	275	19	0.069	0.045	0.105
Kaiser Foundation Hospital Santa Rosa	302	22	0.073	0.049	0.108
Kaiser Foundation Hospital South Bay	198	14	0.071	0.043	0.115
Kaiser Foundation Hospital South Sacramento	438	25	0.057	0.039	0.083
Kaiser Foundation Hospital South San Francisco	267	15	0.056	0.034	0.091
Kaiser Foundation Hospital Vacaville	173	17	0.098	0.062	0.152
Kaiser Foundation Hospital Walnut Creek	382	27	0.071	0.049	0.101
Kaiser Foundation Hospital West LA	152	17	0.112	0.071	0.172
Kaiser Foundation Hospital Woodland Hills	206	17	0.083	0.052	0.128
Kaweah Health Medical Center	569	51	0.090	0.069	0.116
Keck Hospital of USC	62	4	0.065	0.025	0.154
Kern Medical Center	73	2	0.027	0.008	0.095
Kern Valley Healthcare District	28	1	0.036	0.006	0.177
L.A. Downtown Medical Center	186	9	0.048	0.026	0.089
La Palma Intercommunity Hospital	128	4	0.031	0.012	0.078
Laguna Honda Hospital and Rehab Center	42	1	0.024	0.004	0.123
Lakewood Regional Medical Center	322	38	0.118	0.087	0.158
Loma Linda University Medical Center	358	19	0.053	0.034	0.081
Loma Linda University Medical Center Murrieta	274	25	0.091	0.063	0.131
Lompoc Valley Medical Center	58	4	0.069	0.027	0.164
Los Alamitos Medical Center	279	34	0.122	0.089	0.165
Los Angeles Community Hospital	346	17	0.049	0.031	0.077
Los Angeles County Olive View UCLA Medical Center	166	12	0.072	0.042	0.122
Los Angeles County+USC Medical Center	301	25	0.083	0.057	0.120
Los Angeles County/Harbor UCLA Medical Center	176	11	0.062	0.035	0.108
Los Angeles County/Rancho Los Amigos National Rehab Center	9	1	0.111	0.020	0.435
Los Robles Hospital & Medical Center	447	29	0.065	0.046	0.092
Mad River Community Hospital	53	2	0.038	0.010	0.128
Madera Community Hospital	86	7	0.081	0.040	0.159
Mammoth Hospital	8	0	0.000	0.000	0.324
Marian Regional Medical Center	216	14	0.065	0.039	0.106

Hospital	Cases	AE	AER	LCL	UCL
Marian Regional Medical Center Arroyo Grande	78	3	0.038	0.013	0.107
MarinHealth Medical Center	220	18	0.082	0.052	0.126
Mark Twain Medical Center	44	4	0.091	0.036	0.212
Marshall Medical Center	200	6	0.030	0.014	0.064
Mayers Memorial Hospital	17	1	0.059	0.010	0.270
Memorial Hospital Los Banos	48	2	0.042	0.012	0.140
Memorial Hospital of Gardena	247	16	0.065	0.040	0.103
Memorial Medical Center Modesto	381	14	0.037	0.022	0.061
MemorialCare Long Beach Medical Center	293	31	0.106	0.076	0.146
MemorialCare Orange Coast Medical Center	277	22	0.079	0.053	0.117
MemorialCare Saddleback Medical Center	238	10	0.042	0.023	0.076
Menifee Global Medical Center	114	6	0.053	0.024	0.110
Mercy General Hospital	321	27	0.084	0.058	0.120
Mercy Hospital Bakersfield	339	22	0.065	0.043	0.096
Mercy Hospital of Folsom	201	9	0.045	0.024	0.083
Mercy Medical Center Merced	403	19	0.047	0.030	0.072
Mercy Medical Center Mt. Shasta	33	3	0.091	0.031	0.236
Mercy Medical Center Redding	392	35	0.089	0.065	0.122
Mercy San Juan Medical Center	555	23	0.041	0.028	0.061
Methodist Hospital of Sacramento	206	14	0.068	0.041	0.111
Mills-Peninsula Medical Center	129	14	0.109	0.066	0.174
Mission Community Hospital Panorama Campus	350	34	0.097	0.070	0.133
Modoc Medical Center	19	1	0.053	0.009	0.246
Montclair Hospital Medical Center	244	20	0.082	0.054	0.123
Monterey Park Hospital	123	10	0.081	0.045	0.143
Mountains Community Hospital	18	0	0.000	0.000	0.176
Natividad Medical Center	104	5	0.048	0.021	0.108
NorthBay Medical Center	420	39	0.093	0.069	0.124
Northern Inyo Hospital	29	2	0.069	0.019	0.220
Northridge Hospital Medical Center	318	12	0.038	0.022	0.065
Norwalk Community Hospital	210	11	0.052	0.029	0.091
Novato Community Hospital	64	3	0.047	0.016	0.129
O'Connor Hospital	297	23	0.077	0.052	0.114
Oak Valley Hospital District	23	1	0.043	0.008	0.210
Ojai Valley Community Hospital	19	1	0.053	0.009	0.246
Olympia Medical Center	32	4	0.125	0.050	0.281
Orange County Global Medical Center	176	11	0.062	0.035	0.108
Orchard Hospital	18	0	0.000	0.000	0.176
Oroville Hospital	812	37	0.046	0.033	0.062
PIH Health Good Samaritan Hospital	291	23	0.079	0.053	0.116
PIH Health Hospital Downey	265	15	0.057	0.035	0.091
PIH Health Hospital Whittier	437	30	0.069	0.049	0.096
Pacifica Hospital of the Valley	59	8	0.136	0.070	0.245
Palmdale Regional Medical Center	309	30	0.097	0.069	0.135

Hospital	Cases	AE	AER	LCL	UCL
Palo Verde Hospital	11	0	0.000	0.000	0.259
Palomar Health Downtown Campus	241	25	0.104	0.071	0.149
Palomar Medical Center	270	28	0.104	0.073	0.146
Palomar Medical Center Poway	173	18	0.104	0.067	0.158
Paradise Valley Hospital	156	17	0.109	0.069	0.168
Petaluma Valley Hospital	88	7	0.080	0.039	0.155
Pioneers Memorial Healthcare District	106	6	0.057	0.026	0.118
Placentia Linda Hospital	183	14	0.077	0.046	0.124
Plumas District Hospital	19	1	0.053	0.009	0.246
Pomona Valley Hospital Medical Center	270	26	0.096	0.067	0.137
Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center	250	13	0.052	0.031	0.087
Providence Cedars Sinai Tarzana Medical Center	198	21	0.106	0.070	0.157
Providence Holy Cross Medical Center	264	17	0.064	0.041	0.101
Providence Little Company of Mary Medical Center San Pedro	141	9	0.064	0.034	0.117
Providence Little Company of Mary Medical Center Torrance	301	34	0.113	0.082	0.154
Providence Mission Hospital	392	41	0.105	0.078	0.139
Providence Mission Hospital Laguna Beach	78	4	0.051	0.020	0.125
Providence Queen of the Valley Medical Center	177	24	0.136	0.093	0.194
Providence Redwood Memorial Hospital	42	5	0.119	0.052	0.250
Providence Saint John's Health Center	252	24	0.095	0.065	0.138
Providence Saint Joseph Medical Center	441	30	0.068	0.048	0.095
Providence Santa Rosa Memorial Hospital	241	25	0.104	0.071	0.149
Montgomery					
Providence St. Joseph Hospital	449	40	0.089	0.066	0.119
Providence St. Joseph Hospital Eureka	253	21	0.083	0.055	0.124
Providence St. Jude Medical Center	541	63	0.116	0.092	0.146
Redlands Community Hospital	400	37	0.092	0.068	0.125
Regional Medical Center of San Jose	528	25	0.047	0.032	0.069
Ridgecrest Regional Hospital	63	4	0.063	0.025	0.152
Riverside Community Hospital	509	22	0.043	0.029	0.065
Riverside University Health System Medical Center	169	15	0.089	0.055	0.141
Ronald Reagan UCLA Medical Center	297	24	0.081	0.055	0.117
Saint Agnes Medical Center	706	55	0.078	0.060	0.100
Saint Francis Memorial Hospital	131	7	0.053	0.026	0.106
Salinas Valley Health Medical Center	208	12	0.058	0.033	0.098
San Antonio Regional Hospital	559	39	0.070	0.051	0.094
San Dimas Community Hospital	196	26	0.133	0.092	0.187
San Gabriel Valley Medical Center	311	36	0.116	0.085	0.156
San Geronio Memorial Hospital	97	5	0.052	0.022	0.115
San Joaquin General Hospital	162	8	0.049	0.025	0.094

Hospital	Cases	AE	AER	LCL	UCL
San Mateo Medical Center	43	3	0.070	0.024	0.186
San Ramon Regional Medical Center	154	11	0.071	0.040	0.123
Santa Barbara Cottage Hospital	307	21	0.068	0.045	0.102
Santa Clara Valley Medical Center	253	14	0.055	0.033	0.091
Santa Monica UCLA Medical Center and Orthopaedic Hospital	354	23	0.065	0.044	0.096
Santa Ynez Valley Cottage Hospital	11	1	0.091	0.016	0.377
Scripps Green Hospital	135	8	0.059	0.030	0.113
Scripps Memorial Hospital Encinitas	365	18	0.049	0.031	0.077
Scripps Memorial Hospital La Jolla	349	27	0.077	0.054	0.110
Scripps Mercy Hospital	630	35	0.056	0.040	0.076
Seneca District Hospital	9	0	0.000	0.000	0.299
Sequoia Hospital	100	4	0.040	0.016	0.098
Sharp Chula Vista Medical Center	474	31	0.065	0.046	0.091
Sharp Coronado Hospital and Healthcare Center	70	3	0.043	0.015	0.119
Sharp Memorial Hospital	505	39	0.077	0.057	0.104
Shasta Regional Medical Center	306	18	0.059	0.038	0.091
Sherman Oaks Hospital	259	25	0.097	0.066	0.139
Sierra Nevada Memorial Hospital	181	6	0.033	0.015	0.070
Sierra View Medical Center	224	19	0.085	0.055	0.129
Sonoma Valley Hospital	32	2	0.062	0.017	0.201
South Coast Global Medical Center	102	7	0.069	0.034	0.135
Southern California Hospital at Culver City	605	33	0.055	0.039	0.076
Southern California Hospital at Hollywood	431	18	0.042	0.027	0.065
Southwest Healthcare System Murrieta	443	25	0.056	0.039	0.082
St. Bernardine Medical Center	419	44	0.105	0.079	0.138
St. Elizabeth Community Hospital	106	7	0.066	0.032	0.130
St. Francis Medical Center	349	30	0.086	0.061	0.120
St. John's Hospital Camarillo	180	14	0.078	0.047	0.126
St. John's Regional Medical Center	234	16	0.068	0.043	0.108
St. Joseph's Medical Center of Stockton	485	33	0.068	0.049	0.094
St. Louise Regional Hospital	135	5	0.037	0.016	0.084
St. Mary Medical Center Apple Valley	340	21	0.062	0.041	0.093
St. Mary Medical Center Long Beach	208	15	0.072	0.044	0.116
St. Mary's Medical Center	115	8	0.070	0.036	0.131
St. Rose Hospital	138	13	0.094	0.056	0.155
Stanford Health Care	435	33	0.076	0.055	0.105
Stanford Health Care Tri-Valley	171	13	0.076	0.045	0.126
Sutter Amador Hospital	124	3	0.024	0.008	0.069
Sutter Auburn Faith Hospital	108	7	0.065	0.032	0.128
Sutter Coast Hospital	99	6	0.061	0.028	0.126
Sutter Davis Hospital	45	2	0.044	0.012	0.148
Sutter Delta Medical Center	180	11	0.061	0.034	0.106
Sutter Lakeside Hospital	46	1	0.022	0.004	0.113

Hospital	Cases	AE	AER	LCL	UCL
Sutter Medical Center Sacramento	288	27	0.094	0.065	0.133
Sutter Roseville Medical Center	462	25	0.054	0.037	0.079
Sutter Santa Rosa Regional Hospital	95	6	0.063	0.029	0.131
Sutter Solano Medical Center	102	9	0.088	0.047	0.159
Sutter Tracy Community Hospital	97	4	0.041	0.016	0.101
Tahoe Forest Hospital	34	1	0.029	0.005	0.149
Temecula Valley Hospital	342	27	0.079	0.055	0.112
Tenet Health Central Coast Sierra Vista Regional Medical Center	102	8	0.078	0.040	0.147
Tenet Health Central Coast Twin Cities Community Hospital	156	10	0.064	0.035	0.114
Torrance Memorial Medical Center	552	58	0.105	0.082	0.133
Tri-City Medical Center	333	32	0.096	0.069	0.133
Trinity Hospital	7	2	0.286	0.082	0.641
UC Davis Medical Center	330	15	0.045	0.028	0.074
UC Irvine Medical Center	299	9	0.030	0.016	0.056
UC San Diego Health Hillcrest Hillcrest Medical Center	700	27	0.039	0.027	0.056
UC San Francisco Medical Center	466	37	0.079	0.058	0.108
USC Arcadia Hospital	495	42	0.085	0.063	0.113
USC Verdugo Hills Hospital	214	17	0.079	0.050	0.124
Valley Presbyterian Hospital	293	33	0.113	0.081	0.154
Ventura County Medical Center	120	10	0.083	0.046	0.147
Victor Valley Global Medical Center	259	16	0.062	0.038	0.098
Washington Hospital Fremont	342	33	0.096	0.070	0.132
Watsonville Community Hospital	164	13	0.079	0.047	0.131
West Anaheim Medical Center	373	39	0.105	0.077	0.140
West Covina Medical Center	28	0	0.000	0.000	0.121
West Hills Hospital and Medical Center	305	30	0.098	0.070	0.137
Whittier Hospital Medical Center	171	21	0.123	0.082	0.180
Woodland Memorial Hospital	92	6	0.065	0.030	0.135

5.18.5 Summary

Table 5.54: Pneumonia

Hospitals	Cases.tot	AE.tot	AER.avg	AER.se	UCL.avg	UCL.se
314	74482	5643	0.072	0.002	0.135	0.003

- **Cases.tot:** The total number of cases
- **AE.tot:** The total number of adverse events
- **AER.avg:** The average or arithmetic mean of the Adverse Event Rate for all hospitals.
 - Note: AER.avg is the average of the individual hospital AER values.
 - The Pneumonia AER rate for all hospitals is $AE.tot/Cases.tot$ and is equal to 0.076.
- **AER.se:** The AER.avg standard error.
- **UCL.avg:** The average or arithmetic mean of the Upper Confidence Limit (UCL) for all hospitals.
 - The UCL is important to compare the relative performance of hospitals reporting zero Adverse Events.
- **UCL.se:** The UCL.avg standard error